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Catalog Supplement


1974-76

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BULLETIN
1974-76 CATALOG SUPPLEMENT

August 1975

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SUPPLEMENT TO THE FAIRMONT STATE COLLEGE
1974-76 CATALOG

The following revisions, additions, and deletions should be considered as an integral part of the 1974-76 catalog.

ADMINISTRATION, p. 10 - Change to following:

President, Wendell G. Hardway, Ph.D.

Vice President for Administration,

William P. Turner, Ph.D.

Vice President for Academic Affairs,

William A. Boram, Ph.D.

Dean of Teacher Education, Harry T. Hadley, Ed.D.

Dean of the Community College, Paul E. Edwards, Ph.D.

Dean of Student Affairs, George E. Cannon, M.A.

Registrar and Administrative Assistant,

Billy G. Dunn, Ed.D.

Assistant to the Vice President for Academic Affairs,

H. Dean Peters, Ph.D.

Director of Admissions and Assistant Registrar,

John G. Conaway, M.A.

Associate Dean of Student Affairs,

Lois M. Laughlin, M.A.

Director of Finance, K. Edward Grose, M.A.

Comptroller, Homer W. Cox, B.S.

Director of Student Center and Bookstore,

Stanley Groves, M.A.

Director of Student Health Service,

Harry C. Fleming, M.D.

Director of Public Relations and Alumni Secretary,

Earl N. Straight, M.A.

Coordinator of Black Students, Carl M. Hunt, M.A.

Director of Physical Facilities, Harold P. Lawson

Director of Food Service, Frank Pulice, Jr.

Chief Security Officer, Benny J. Testa

Director of Athletics, Wilford R. Wilson, M.A.

ACADEMIC STRUCTURE, p. 11

Division of Education, delete Harry T. Hadley, Ed.D.;
add Glennis Cunningham, Ed.D.

Division of Education, delete "Home Economics."

Division of Technology, add "Home Economics."

Community College, change to following:

Dean of the Community College, Paul E. Edwards, Ph.D.

Allied Health Technology

Medical Laboratory Technology,

Sister Marguerite O'Brien, MT(ASCP)

Nursing, Martha Miller, Ed.D., Director

Radiologic Technology,

Vickie Brumage, R.T. (ARRT)

Business Technology

Accounting, Judith Y. Hoyer, M.S., Coordinator

Clerical and Medical Records, Doris W. Burns, M.A.;

Nancy I. Horne, M.Ed.; Rose Cousins, (ART), AMRA;

Flora Petro, M.A.

Commercial Design/Graphics,

R. Barry Snyder, M.F.A., Coordinator

Electronic Data Processing,

Joan Stewart, M.B.A., Coordinator

Food Service Management,

Melva C. Hess, M.S., Coordinator

Radio-Television Communication,

Charles G. Manly, M.A., Coordinator

Retail Management, G. Alan Gick, M.Ed., Coordinator

Secretarial, Doris W. Burns, M.A.;

Nancy I. Horne, M.Ed., Coordinators

Engineering Technology

Lewis H. Herring, Ed.D., Coordinator

Construction

Drafting

Electrical, Electronic

Mechanical

Mining (civil or mechanical)

Power

Printing

General Studies

Robert M. Grattan, Ph.D., Coordinator

Public Service Technology

Community Service (social work),

Charlotte T. Friend, M.S.W., Coordinator

Law Enforcement, Jack Clayton, A.B., Coordinator
Fire Protection and Safety,

Robert Hall, A.B., Coordinator

Psychological Technology,

Robert Bauer, Ph.D., Coordinator

Recreation Leadership,

David R. Bohnke, Ph.D., Coordinator

ADMISSION OF TRANSFER STUDENTS, p. 28

Add following sentence to first paragraph: "Transfer students should attach course descriptions (from catalog of former college or university) for all earned credit."

PHYSICAL EXAMINATION, p. 30 - Delete this section.

PRE-REGISTRATION, p. 30 - Change to read as follows:

All freshmen and transfer students, upon receipt of complete application and admission, will be pre-registered by mail during the summer preceding fall enrollment.

A pre-registration period for regularly enrolled students is scheduled each semester. The purpose of pre-registration is to insure students adequate schedules. All students should pre-register if they plan to re-enroll for the following semester or term.

REGISTRATION, p. 30

Delete the following sentence from the second paragraph of this section:

"Registration by proxy is prohibited."

ENROLLMENT FEES PER SEMESTER, p. 37 - Change as follows:

(On-Campus) August 1975 and January 1976

	<u>WV Resident</u>	<u>Non-Resident</u>
12 hours (full-time student)	\$149.00	\$599.00
(or more)		

	<u>WV Resident</u>	<u>Non-Resident</u>
11 hours	130.00	548.00
10 hours	122.00	502.00
9 hours	114.00	456.00
8 hours	106.00	410.00
7 hours	64.00	330.00
6 hours	56.00	284.00
5 hours	48.00	238.00
4 hours	40.00	192.00
3 hours	32.00	146.00
2 hours	24.00	100.00
1 hour	16.00	54.00

All freshmen must pay \$1.50 Freshman Orientation Fee August term only. All new students - freshmen or transfers - must pay \$4.00 Service Charge to set up schedule. Students are entitled to activities and athletic functions if enrolled for 8 hours or more.

(Off-Campus) August 1975 and January 1976

Total hours must be taken off-campus to qualify for off-campus fees. If a class is taken on-campus, then all hours will be charged at the on-campus rate.

	<u>WV Resident</u>	<u>Non-Resident</u>
12 hours (or more) (full-time student)	\$100.00	\$550.00
11 hours	88.00	506.00
10 hours	80.00	460.00
9 hours	72.00	414.00
8 hours	64.00	368.00
7 hours	56.00	322.00
6 hours	48.00	276.00
5 hours	40.00	230.00
4 hours	32.00	184.00
3 hours	24.00	138.00
2 hours	16.00	92.00
1 hour	8.00	46.00

All new students - freshmen or transfers - must pay \$4.00 Service Charge to set up schedule. There is no orientation fee for off-campus freshmen.

COST OF EACH SUMMER SESSION, p. 38 (Summer 1976)

No. of Hours Enrolled	<u>WV Resident</u>	<u>Non-Resident</u>
6 or more hours	\$63.00	\$221.50
5 hours	58.00	197.25
4 hours	53.00	173.00
3 hours	38.00	125.75
2 hours	28.00	86.50
1 hour	18.00	47.25

SPECIAL FEES, p. 38

Delete the following:

"**Science Laboratory Fee \$5.00" and the footnote pertaining to this fee.

Delete the "Fees for Industrial Education."

RESIDENCE HALL EXPENSES PER SEMESTER, p. 39

Change "Rent" for Morrow, North, Pence Halls from \$207.00 plus tax, to \$245.00 plus tax.

Under "Rent" delete "Morgan Hall....\$220.00 plus tax."

Under "Board" change \$324.00 to \$360.00 plus tax; also under "Board" change @ \$162.00 plus tax to @ \$180.00 plus tax.

Add the following:

Summer School Room and Board (1976)

Board for five weeks,

..... \$110.00 + 3.30 (tax) = \$113.30 T

*Room Double occupancy for five weeks,

..... \$ 65.00 + 1.95 (tax) = \$ 66.95 T

*Room Single occupancy for five weeks,

..... \$ 70.00 + 2.10 (tax) = \$ 72.10 T

*Includes \$5.00 Linen Fee

SCHOLARSHIPS AVAILABLE, p. 46

Under "Fairmont State College Undergraduate Scholarship," change "(\$75 per semester)" to "\$100 per semester."

BACHELOR OF ARTS AND BACHELOR OF SCIENCE DEGREES, p. 48
(continued from p. 47)

Add the following new degree:

	Minimum Semester Hours Required		
	Degree	Major	Minor
Health Science.....	B.S.	56	20

Change hours to following:

Physical Education.....	B.S.	39	33
-------------------------	------	----	----

Delete the following three majors:

French; Recreation; Speech and Drama

Do not delete the following two minors:

French; Speech and Drama

COMMUNITY COLLEGE, p. 48

For "Two-Year Associate Degrees," see the 1975-76 Community College Catalog Supplement for Fairmont State College.

BACHELOR OF ARTS IN EDUCATION, pp. 48-49

Delete: Early Childhood Education.....25

Add: Elementary Education Diversified 1-6....48

Specialization

Early Education.....20

Delete: Subject Specializations 1-9 or 7-9 and
all programs under these specializations.

Add: Subject Specializations 4-8

Art.....30

General Science.....28

Home Economics.....26

Industrial Arts/Technology.....25

Language Arts.....21

Mathematics.....15

Oral Communications.....26-27

Social Studies.....39

BACHELOR OF ARTS IN EDUCATION, p. 49

<u>Add:</u>	Secondary Education	
	Subject Specializations 7-9	
	Home Economics.....	28
	Language Arts.....	24
	Social Studies.....	42

Delete: Single Teaching Fields 7-12 and all programs in this category.

<u>Add:</u>	Single Teaching Fields 7-12	
	Art.....	38
	Biology.....	44
	Business Education, Secretarial.....	38
	Business Education, Principles.....	39
	Chemistry.....	34
	English.....	36
	General Science.....	35
	Industrial Arts/Technology.....	43
	Journalism.....	24
	Mathematics.....	33
	Physical Education.....	39
	Physics.....	31
	Oral Communications.....	29

	Comprehensive Teaching Fields 7-12	
	Business Education.....	54
	Home Economics, Vocational.....	42
	Industrial Arts/Technology.....	62-67
	Social Studies.....	59

Delete: Comprehensive Teaching Fields 1-12 and programs in this category.

<u>Add:</u>	Secondary or Elementary Education	
	Subject Specializations K-12	
	Art.....	57
	Health.....	31
	Music.....	59
	School-Library Media.....	24
	Special Education.....	21

GRADING SYSTEM, p. 49

Delete: "I—Incomplete, given to a student who misses

a part of the course for a reason the instructor recognizes as a valid excuse for delay in completing the assignments. Unless the work missed is completed within a year from the date the mark is recorded, the I automatically changes to an F."

Add: "I—Beginning with courses taken during the first semester, 1975-76, the letter grade of I will be omitted from the calculation of the grade point average for a period of one year following the issuance of the I.

Along with any grade report containing the grade I, and for each letter I, the instructor must submit a brief description of the "part of the course" not completed by the student. This statement, to be reviewed by the appropriate division chairman and filed in his office, could be given on a form which would be used by the instructor to report the grade for replacing the I during the year following the issuance of the I. At the end of the one-year period, the instructor must submit a final grade for the student."

ADVISOR SYSTEM, p. 52

Change "Associate Dean of Academic Affairs" in second sentence to "Assistant to the Vice President for Academic Affairs."

GENERAL STUDIES REQUIREMENTS FOR THE BACHELOR OF ARTS
AND THE BACHELOR OF SCIENCE DEGREES, p. 56

Delete: History 100; footnote concerning "***History 100"

Credit hours for Biology 101, 102 from 6 to 8.

CURRICULA FOR TEACHING FIELDS AND SPECIALIZATIONS, p. 57

Delete: Art Comprehensive Grades 1-12 and this program.

Required Courses

*Art 140	Art Structure and Applied Design.....	3
*Art 141	Art Structure and Applied Design.....	3
*Art 142	Drawing.....	3
*Art 241	Drawing from Life.....	3
*Art 155	Theory of Art.....	2
*Art 261	Painting.....	3
Art 262	Painting.....	3
Art 278	Ancient and Medieval Art.....	3
Art 283	Modeling and Sculpture.....	3
Art 284	Modeling and Sculpture.....	3
Art 355	Problems in Teaching Art I.....	2
Art 356	Problems in Teaching Art II.....	2
Art 363	Painting in Watercolor.....	3
Art 377	Italian and Northern Renaissance Art.....	3
Art 378	19th Century and Contemporary Art.....	3
Art 383	Ceramics.....	3
Art 384	Ceramics.....	3
Art 470	Senior Exhibit.....	1
Art 431	Methods and Materials in Teaching Art.....	2

Electives to be selected from the following
studio courses:

Painting: Art 361, 362, 364, 461, 462, 463.

Ceramics: Art 464. Sculpture: Art 465.

Graphics: Art 341. Area Studies: Art 467,
468, 469.....6

CURRICULA FOR TEACHING FIELDS AND SPECIALIZATIONS,

pp. 58-59

Delete: Art Single Teaching Field Grades 7-12 and this
program

Add: Art Single Teaching Field 7-12

38 Sem. Hrs.

Required Courses:

*Art 140	Art Structure and Applied Design.....	3
*Art 141	Art Structure and Applied Design.....	3
*Art 142	Drawing.....	3
Art 241	Drawing from Life.....	3
*Art 155	Theory of Art.....	2
*Art 261	Painting.....	3

Art 278 Ancient and Medieval Art.....	3
Art 283 Modeling and Sculpture.....	3
Art 356 Problems in Teaching Art II.....	2
Art 363 Painting in Watercolor.....	3
Art 377 Italian and Northern Renaissance Art...	3
Art 378 19th Century and Contemporary Art.....	3
Art 383 Ceramics.....	3
Art 470 Senior Exhibit.....	1

CURRICULA FOR TEACHING FIELDS AND SPECIALIZATIONS, p. 59

Delete: Art Subject Specialization Grades 1-9 or 7-9
and this program

Add: Art Subject Specialization 4-8 30 Sem. Hrs.

Required Courses

*Art 140 Art Structure and Applied Design.....	3
*Art 141 Art Structure and Applied Design.....	3
*Art 142 Drawing.....	3
*Art 241 Drawing from Life.....	3
*Art 255 History and Appreciation of Art.....	2
*Art 283 Modeling and Sculpture.....	3
Art 355 Problems in Teaching Art I.....	2
Art 356 Problems in Teaching Art II.....	2
*Art 363 Painting in Watercolor.....	3

Electives to be selected from the following
courses:

Painting: Art 261, 262, 361, 362, 364. Ceramics:
Art 383, 384. Sculpture: Art 284, 465. Graphics:
Art 341. History of Art: Art 278, 377, 378.
Area Studies: Art 467, 468, 469.....6

*Courses marked with an asterisk must be com-
pleted before admission to the Initial Perform-
ance Practicum.

ART, p. 60

Add: 155. Theory of Art two hours
This course covers aesthetics and its applica-
tion to studio work, as well as the philosophy,
psychology, components, sociology, and history
of art. Art criticism is also covered.

Add: 355. Problems in Teaching Art I two hours
The student will define what an art problem is, define the teachable aspects of art, examine what motivation is in art and in connection with particular art problems, and produce some art objects utilizing media and materials generally obtainable in and around most elementary schools.

Add: 356. Problems in Teaching Art II two hours
The student will define what an art problem on the secondary level is, examine how skill and success are related in studio art, utilize art historical example, examine how art and society are related, define what is teachable in art, and select specific art problems in conjunction with the particular age level and interests of secondary students.

Add: 467. Area Studies one-four hours
468. Area Studies one-four hours
469. Area Studies one-four hours

A group of three courses intended to allow the student intensive or continued study in a particular area. These are elective courses and the consent of the instructor is required. A six-hour limit is imposed for each student. These courses are not eligible for substitution for required courses in the Art specialization.

CURRICULA FOR TEACHING FIELDS AND SPECIALIZATIONS IN
BIOLOGY, p. 65

Delete: Biology, General Science Comprehensive, Grades 7-12 and this program

BIOLOGY, p. 67

101. Introduction to Biology - Increase credit hours from three to four. This change adds one more lecture hour per week (from 2 lecture hours

102. Introduction to Biology - Increase credit hours from three to four. This change adds one more lecture hour per week (from 2 lecture hours to 3 lecture hours per week). The 2-hr. laboratory period remains unchanged. Course content remains unchanged but amplified.

Delete: Chemistry, General Science Comprehensive grades 7-12 and this program

Change credit hours and content as follows:

- BUSINESS ADMINISTRATION, p. 77

<u>Add:</u>	Group A General Major	30 Sem. Hrs.
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Business	201, 202	Principles of Accounting6
	306, 307	Business Law.....6
Economics	201, 202	Economic Principles and Problems.....6

12

These hours may be taken in any one of several combinations. Such combination to be agreed upon by student and adviser. Such combinations may include Business, Economics, EDP, and Mathematics.

Delete: "Minor . . . 18 Sem. Hrs."

Add: Minor (not open to majors in Group A or B.
Open to Major in Group C and D) 18 Sem. Hrs.
The student in consultation with his adviser selects a set of related courses which would be more specifically in line with his interests and abilities.

CURRICULA FOR TEACHING FIELDS AND SPECIALIZATIONS IN
BUSINESS EDUCATION, p. 87

Delete: Business Education Comprehensive, grades 7-12
and this program

Add: Business Education Comprehensive 7-12
54 Sem. Hrs.

Business	*102	Intro. to Bus.....	3
	*141	Bus. Math.....	3
	*201,202	Prin. of Acctg.....	6
	306	Bus. Law.....	3
	310	Statistics.....	3
	314	Office Management.....	2
Bus. Educ.	*102,211	Inter. & Adv. Type- writing.....	4
	*103	Records Management.....	2
	*251	Bus. Comm.....	2
	*202	Inter. Shorthand.....	4
	*301	Adv. Shorthand & Trans- cription.....	4
	*311	Office Machines.....	2
	*351	Exec. Off. Adm. Manage- ment.....	3
	352	Directed Office Experi- ence.....	2
	431	Methods & Materials in Teaching Bus. Educ....	2
Economics	*201,202	Econ. Prin. & Prob.....	6

*Courses marked with an asterisk must be completed prior to admission to the Initial Performance Practicum.

BUSINESS EDUCATION SECRETARIAL, p. 88

Delete: Business Education Secretarial, Single Teaching Field, Grades 7-12 and this program.

Add: Business Education, Secretarial, Single Teaching Field 7-12 38 Sem. Hrs.

Business	*141	Bus. Math.....3
	*201,202	Principles of Accounting.....6
	306	Business Law.....3
	310	Statistics.....3
	314	Office Mngmt.....2
Bs.Educ.	*102,211	Intrmd. & Adv. Typewriting.....4
	*103	Records Mngmt.....2
	*202	Intrmd. Shrthnd...4
	*301	Adv. Shrthnd. & Transcription....4
	*311	Office Mchns.....2
	*351	Exec. Off. Adm. Management.....3
	352	Dir. Off. Expr....2

*Courses marked with an asterisk must be completed prior to admission to the Initial Performance Practicum.

BUSINESS EDUCATION, p. 90

Add: Business Education, Business Principles, Single Teaching Field 7-12 39 Sem. Hrs.

Business	*102	Intro. to Bs.....3
	*201,202	Prin. of Acctg....6
	306	Business Law.....3

	310	Statistics.....3
	314	Off. Mngmnt.....2
Bs. Educ.	*102,211	Intrmd. & Adv. Typewriting.....4
	*103	Records Mngmt.....2
	*311	Off. Mchns.....2
	*351	Exec. Off. Adm. Management.....3
	352	Dir. Off. Expr....2
Economics	*201,202	Econ. Prin. & Problems.....6
EDP	100	Intro. to EDP.....3

*Courses marked with an asterisk must be completed prior to admission to the Initial Performance Practicum.

BUSINESS ADMINISTRATION, p. 92

Add:

Business 408. Business Internship three hours

The internship places qualified students in part-time jobs which will significantly broaden their understanding of accounting, marketing, or management disciplines. Interested students will be exposed to business problems, but outside the normal classroom environment. The nature of the student's work must require analytical problem solving, or other creative skills--if a meaningful or broadening experience is to occur. A meaningful internship should require approximately 10-12 weeks. All interested students must first obtain a faculty member's written endorsement before being eligible for the internship. PR: 17 hours of Business and/or Economics.

BUSINESS EDUCATION, p. 93

Change as follows:

202. Beginning Shorthand	<u>to</u>	202. Intrmd. Shorthand.
251. Bus. Correspondence	<u>to</u>	251. Bus. Communications

303. Prin. & Prac. of Filing to 103. Records Mngmt.
351. Sec. Off. Prac. to Exec. Off. Adm. Management

BUSINESS EDUCATION, p. 94

Change:

351L. Sec. Off. Prac. Lab to 352. Dir. Off. Exper.

Change hours for 352 from "one hour" to "two hours."

CURRICULA FOR TEACHING FIELDS AND SPECIALIZATIONS
IN ENGLISH AND LANGUAGE ARTS, p. 97

Delete: English, Single Teaching Field, Grades 7-12,
and this program.

Add:

English, Single Teaching Field 7-12 36 Sem. Hrs.

Mandatory Requirements:

Journalism 240	Reporting I.....	3
Education 300	Reading Process.....	3
English 315	Shakespeare.....	3
English 319	General Semantics.....	3
English 321	Study of the English Lang.....	3
English 423	Literary Criticism.....	3

Elective Requirements: (choose any two courses
from the following group)

English 311	Lit. of the Romantic Period	
English 312	Lit. of the Victorian Period	
English 353	Eighteenth Century Lit.6
English 420	Seventeenth Century Lit.	
English 421	Chaucer	

Elective Requirements: (choose one course from each
of the following groups)

English 318	Modern Drama	
	or3
English 422	The British Drama	
English 346	The British Novel	
	or3
English 347	The American Novel	

English	302	Narr. & Descrip. Writing or3
English	413	Expository Writing	
English	343	The Current Scene in Lit.	
English	351	Minority Literature3
English	352	Southern Literature	
English	360	Major American Poets	

Delete:

Language Arts Comprehensive, Grades 7-12, and this program on pp. 97 and 98.

Do not delete:

Footnote beginning with "***When extreme hardship...."

CURRICULA FOR TEACHING FIELDS AND SPECIALIZATIONS IN ENGLISH AND LANGUAGE ARTS, p. 98

Delete:

Language Arts Subject Specialization, Grades 1-9 or 7-9, and this program.

Add:

Language Arts Subject Specialization 7-9 . 24 Sem. Hrs.

Mandatory Requirements:

English	207	Children's Literature.....3
English	315	Shakespeare.....3
English	319	General Semantics.....3
English	321	Study of the English Language.....3
English	342	Survey of World Literature.....3
English	343	The Current Scene in Literature...3

Elective Requirements: (choose one course from each of the following groups)

English	351	Minority Literature or3
English	352	Southern Literature	
English	302	Narrative & Descr. Writing or3
English	413	Expository Writing	

CURRICULA FOR TEACHING FIELDS AND SPECIALIZATIONS IN
ENGLISH AND LANGUAGE ARTS, p. 98

Add: Language Arts Subject Specialization 4-8

21 Sem Hrs

Mandatory Requirements:

English 207	Children's Literature.....	3
English 302	Narrative & Descr. Writing.....	3
English 319	General Semantics.....	3
English 321	Study of the English Language.....	3
English 322	The Short Story.....	3
English 360	Major American Poets.....	3

Elective Requirements: (choose one course from the
following group)

Library Science 210 Lib. Materials for
Adolescents

English 341	Survey of World Lit.3
English 348	The Bible as Literature	
English 371	Folk Literature	

FRENCH, p. 107

Delete the sentence beginning with "Students preparing to teach....." in the first paragraph.

Delete the words "B.A. Degree" and "Major." Also "30 semester hours." The list of courses remains, but is preceded by the "Minor" information at the bottom of the page.

Insert in list of courses following course French 312:

French 314 French Civilization and Culture.....3

FRENCH, pp. 108-111

Delete all "Curricula for Teaching Fields and Specializations in French" on these pages. Do not delete the Minor on page 109.

Add:

314. French Civilization and Culture

three hours

The content of the course consists of a study of the basic historical development and significant contributions of France, its outstanding figures, its geography, traditions, contemporary social patterns, legends, songs, and influence on the United States. The instructional method emphasizes French conversation and extensive use of tapes, slides, and motion pictures. PR: 12 hours of French or consent.

420. Refresher Course in Conversational French

three hours

For secondary teachers seeking renewal credit. Conversation, grammar, phonetics, pronunciation, vocabulary, writing, and listening comprehension. Individualized instruction relating to student's needs and goals. PR: Consent of instructor.

435. Foreign Language Methodology for Secondary Teachers

three hours

A course dealing with all facets of teaching the language skills, culture, and literature, as well as learning to operate medial equipment, including the language laboratory. There is also instruction on topics such as individualization with the self-contained classroom, the use of the traditional grammar text with an audio-lingual approach, the writing of performance objectives for students and teachers, and new methods in foreign language teaching. Especially designed for secondary teachers seeking renewal credit.

SPANISH, p. 114

Add:

210. Special Topics in Spanish three hours

This course consists of independent study under the supervision of an instructor. The content of the course is agreed upon by both the student and the instructor on the basis of the student's interests, goals, and needs. It can be substituted for any 200-level course. PR: Consent of instructor.

GEOGRAPHY, p. 116

Add:

399. Maps and Diagrams for Social Sciences

three hours
A presentation of statistical data by different kinds of diagrams, such as bar, pie, ring, and block diagrams and graphs; also the preparation and understanding of maps.

HEALTH, PHYSICAL EDUCATION, RECREATION,
AND SAFETY, p. 117

Add at top of page "HEALTH SCIENCE"

Add next line "BACHELOR OF SCIENCE"

Add: MAJOR

56 Sem. Hrs.

Course Requirements:

Health Science

24 hrs.

HTH 100	Personal Health.....	2
HTH 150	Intro. to Health Science.....	2
HTH 202	Community Hth. Problems.....	3
HTH 370	Contemporary Hth. Issues.....	3
HTH 410	Seminar in Public Hth. Educ.....	4
HTH 412	Drug Use--Abuse--Addiction.....	2
HTH 415	Human Sexuality.....	2
HTH 425	Environmental Health.....	2
HTH 450	Field Prac. in Public Hth.....	4

Related Science 32 hrs.

PH ED	211	Anatomy & Physiology.....	4
SAF	101	Emergency Medical Trng.....	2
SAF	203	General Safety Education.....	3
CHEM	101	General Chemistry.....	4
CHEM	102	General Chemistry.....	4
PSY	210	Personal Adjustment.....	3
PSY	250	Community Psychology.....	3
SOC	200	Social Problems.....	3
SOC	305	Social Psychology.....	3
SOC	360	Field of Social Work.....	3

Add: MINOR 20 Sem. Hrs.

Course Requirements:

Health Science 20 hrs.

HTH	100	Personal Health.....	2
HTH	150	Intro. to Health Science.....	2
HTH	202	Community Health Problems.....	3
HTH	370	Contemporary Hth. Issues.....	3
HTH	410	Seminar in Public Hth. Edu....	4
HTH	412	Drug Use--Abuse--Addiction....	2
HTH	415	Human Sexuality.....	2
HTH	425	Environmental Health.....	2

Add: "HEALTH EDUCATION" after the Health Science Minor

Delete the paragraph following "HEALTH EDUCATION" and add the following:

"The Division of Health Education, Physical Education, and Recreation offers the Health Education K-12 program. The purpose of the program is to prepare teachers for health instruction at the kindergarten, elementary, middle school, junior high, and high school levels."

Delete: Single Teaching Field, Grades 7-12 and this program.

Subject Specialization, Grades 1-9 or 7-9

Add: Health Subject Specialization K-12
31 Sem. Hrs.

HTH 100	Personal Health.....	2
HTH 150	Intro. to Health Science.....	2
HTH 200	Foundations of Health Educ.....	2
HTH 202	Community Health Problems.....	3
HTH 310	School Health Programs.....	3
HTH 370	Contemporary Health Issues.....	3
HTH 400	Methods in Elem. Health Instr.....	2
HTH 410	Seminar in Public Health Educ.....	4
PE 211	Anatomy and Physiology.....	4
SAF 101	First Aid.....	2
SAF 203	General Safety.....	2

Choose one of the three following electives (required):

HTH 412	Drug Use--Abuse--Addiction.....	2
HTH 415	Human Sexuality.....	2
HTH 425	Environmental Health.....	2

HEALTH EDUCATION, p. 117

HEALTH EDUCATION K-12

Add: Pre-Requisite Structure

- *HTH 100 Personal Health
- *HTH 150 Introduction to Health Science
- *HTH 200 Foundations of Health Education
(PR: HTH 100, HTH 150)
- *HTH 202 Community Health Problems (PR: HTH 200)
- *HTH 310 School Health Programs
(PR: Psy. 101 and Soc. 110)
- *HTH 370 Contemporary Health Issues
(PR: Psy. 101 and Soc. 110)
- *HTH 400 Methods in Elem. Health Instruction
(PR: HTH 310 and HTH 202)
- HTH 410 Seminar in Public Health Education
(PR: HTH 310 and HTH 202)

HTH 412 Drug Use--Abuse--Addiction
HTH 415 Human Sexuality
HTH 425 Environmental Health
*HTH 431 Methods and Materials for Hth. Educ.
(PR: HTH 410, HTH 310, HTH 400)
HTH 450 Field Practicum in Public Health
(PR: HTH 410) (B.S. Program Only)

*Course must be completed before entering professional block.

HEALTH - COURSES OF INSTRUCTION, p. 119

Change course content and credit hours as follows:

HTH 100	Personal Health	2 sem. hrs.
<p>Meaning and significance of physical, mental, social, and environmental factors of health and safety as related to the individual and to society; important phases of national problems; leading causes of disease and deaths; health problems young people encounter with special emphasis on current needs of college students.</p>		

HEALTH - COURSES OF INSTRUCTION, p. 120

Change course title and content as follows:

HTH 202 Community Health Problems 3 sem. hrs.
This experience deals with philosophy, organization, identification and function of federal, state, and local public health agencies. Their role in dealing with community health and safety problems is presented. (PR: Biology 101 and 102)

Thêm:

HTH 150 Introduction to Health Science 2 sem. hrs.
In-depth study of the several content areas relating to health, contemporary health problems, and reciprocal relationships involving man, disease, and the environment.

Change course content as follows:

HTH 370 Contemporary Health Issues 3 sem. hrs.

Delete program under "Bachelor of Science" - Major

Add:

Bachelor of Science

MAJOR

39 Sem. Hrs.

Course Requirements

Sport Science

PE 211	Anatomy and Physiology.....	4
PE 212	Physiology of Exercise.....	3
PE 313	Mechanical Analysis.....	3
PE 318	Social-Psychology of Sport.....	3

Related Science

Chem. 101	General Chemistry.....	4
Phys. 101	Introduction to Physics.....	3

Select two courses from the following:

Psy. 230	Social Psychology.....	3
Psy. 240	Statistics.....	3
Soc. 301	Anthropology.....	3

Sport Theory

PE 121	Introductory Seminar.....	2
PE 222	Foundations of Educational Sport....	2

Sport Laboratory

PE 231	Games and Rhythms.....	2
PE 232	Basic Aquatics.....	2
OR		
PE 233	Advanced Aquatics.....	2
PE 234	Field Sports.....	4
PE 235	Court Sports.....	4

or

Delete: "Minor Requirements same as major"

Add:

Bachelor of Science

MINOR

33 Sem. Hrs.

Course Requirements

Sport Science

PE 211	Anatomy and Physiology.....	4
PE 212	Physiology of Exercise.....	3
PE 313	Mechanical Analysis.....	3
PE 318	Social-Psychology of Sport.....	3

Related Science

Chem. 101	General Chemistry.....	4
Phys. 101	Introduction to Physics.....	3

Sport Theory

PE 121	Introductory Seminar.....	2
PE 222	Foundations of Educational Sport...	2

Sport Laboratory

PE 231	Games and Rhythms.....	2
PE 232	Basic Aquatics.....	2
OR		
PE 233	Advanced Aquatics.....	2
PE 234	Field Sports.....	4
OR		
PE 235	Court Sports.....	4

CURRICULA FOR TEACHING FIELDS AND SPECIALIZATIONS IN PHYSICAL EDUCATION, p. 121

Delete: Single Teaching Field, Grades 7-12 and this program.

Add:

Physical Education Single Teaching Field 7-12
37 Sem. Hrs.

Sport Science 13 hrs.

PE 211	Anatomy and Physiology.....	4
PE 212	Physiology of Exercise.....	3
PE 313	Mechanical Analysis.....	3
PE 318	Sport Social Psychology.....	3

Sport Theory 12 hrs.

PE 121	Intro. Seminar in Ed. Sport.....	2
PE 222	Foundations of Educ. Sport.....	2
PE 223	Evaluation and Measurement.....	3
PE 324	Educational Sport.....	3
PE 325	Educ. Sport Laboratory.....	2

Sport Laboratory 12 hrs.

PE 231	Games and Rhythms.....	2
PE 232	Basic Aquatics.....	2
OR		
PE 233	Advanced Aquatics.....	2
PE 234	Field Sports.....	4
PE 235	Court Sports.....	4

PHYSICAL EDUCATION, p. 122

Delete: Subject Specialization, Grades 1-9 and 7-9
and this program.

Add:

PHYSICAL EDUCATION 7-12

Pre-Requisite Structure

- *PE 211 Anatomy and Physiology (PR: Biology 101, 102)
- *PE 212 Physiology of Exercise (PR: PE 211)
- *PE 313 Mechanical Analysis (PR: PE 211)
- *PE 318 Sport Social Psychology (PR: Psy. 101,
Soc. 110, PE 222)
- *PE 121 Introductory Seminar
- *PE 222 Foundations of Educ. Sport (PR: PE 121)
- *PE 223 Evaluation and Measurement (PR: PE 222)
- *PE 324 Educational Sport (PR: PE 222, 223)
- *PE 325 Educ. Sport Laboratory (PR: PE 324)
- *PE 231 Games and Rhythms (PR: PE 121)(Majors Only)
- *PE 232 Basic Aquatics (PR: PE 121)(Majors Only)
- PE 233 Advanced Aquatics (PR: PE 121)(Majors Only)
- *PE 234 Field Sports (PR: PE 231)
- *PE 235 Court Sports (PR: 231)

*Course must be completed before entering Professional Block.

PHYSICAL EDUCATION - COURSES OF INSTRUCTION, p. 127, 128

Add:

PE 100 Basic Physical Education 2 sem. hrs.

This course includes several "lifetime" skills and one large group activity. Among the "lifetime skills are archery, golf, tennis, badminton, trampoline, canoeing, casting and angling, and rock climb. Group activity includes team handball, volleyball, touch football, and soccer.

PE 121 Introductory Seminar in Sport Studies

2 sem. hrs.

A survey of the knowledge, skills, values and trends characteristic of the phenomenon of sport in order to acquaint the pupil with current professional endeavors.

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Delete the following under "Instruction in Sport":

PE 150M, 151M, 152M, 153M, 160M, 161M, 162M, 163M,
164M, 170M, 171M, 172M, 173M, 140W, 141W, 144W,
145W, 142W, 143W, 146W

PHYSICAL EDUCATION - COURSES OF INSTRUCTION, p. 128

Add:

- PE 211 Anatomy and Physiology 4 sem. hrs.
Analysis and application of basic knowledge of the structure and functions of the human body and the changes that occur during physical activity and sport. The course will include three hours lecture each week and a weekly one hour laboratory in which basic physiological experiments will be conducted.
- PE 212 Physiology of Exercise 3 sem. hrs.
Analysis and application knowledges of the basic physiological adaptations that accompany physical activity. (The units of instruction include the role of the neuro-muscular system in exercise; the role of the cardio-vascular system in exercise; respiration and exercise; energy metabolism; physical fitness; and other special topics in Exercise Physiology.)
- PE 222 Foundations of Sport Studies 2 sem. hrs.
An interdisciplinary analysis of the phenomenon of sport including historical, physiological, psychological and sociological constructs.
- PE 223 Evaluation of Instruction in Sport 3 sem. hrs.
An analysis of the sequential operations of the evaluation process including the formulation of objectives, construction and selection of tests, computation of statistical data, and appraisal of total program effectiveness.
- PE 231 Games and Rhythms 2 sem. hrs.
The analysis and application of the psychomotor skills and patterns characteristic of sport lead-up-games and the dance.
- PE 232 Basic Aquatics 2 sem. hrs.
Analysis and application of knowledges and aquatic skills that will allow the student to become proficient in or on the water.

- PE 233 Advanced Aquatics 2 sem. hrs.
Analysis and application of all swimming strokes and the refinement of basic strokes, plus proficiency in lifesaving techniques. (The more advanced student may wish to complete additional requirements that certify him as an American Red Cross Senior Lifesaver.)
- PE 234 Field Sports 1-4 sem. hrs.
The analysis and application of the rules, boundaries, strategies and psychomotor skills characteristic of the sport forms: archery, field hockey, football, speedball, soccer, track and field, canoeing, golf, softball.
- PE 235 Court Sports 1-4 sem. hrs.
The analysis and application of the rules, boundaries, strategies and psychomotor skills characteristic of the sport forms: basketball, badminton, handball, gymnastics, table tennis, tennis, trampoline, volleyball, and wrestling.
- PE 313 Mechanical Analysis of Sport Activities 3 sem. hrs.
Analysis and application of basic knowledges of the laws and principles of mechanics employed in sport activities. The units of instruction include motion, force, projections, equilibrium, work and energy, and the analysis of specific sport functions.
- PE 318 Sport Social Psychology 3 sem. hrs.
Analysis and application of basic knowledge relating to the social psychology of sport behavior. An interdisciplinary analysis of the nature of sport as a social institution, social system, and a reflection of society.
- PE 324 Educational Sport 3 sem. hrs.
An analysis of the philosophical, developmental and organizational factors essential for the modification of sport as an educational medium which facilitates affective, cognitive, and psychomotor learning outcomes.

- PE 325 Education Sport Laboratory 2 sem. hrs.
The application of a teaching model and evaluation techniques to a sport environment in order to facilitate affective, cognitive, and psychomotor learning outcomes.
- PE 326 Early Psychomotor Development 2 sem. hrs.
This course includes an analysis of the growth, development, and maturation of cognitive, psychomotor and affective sport behaviors in children with special emphasis placed upon the structuring of early childhood experiences.
- PE 341 Adapted Physical Education 3 sem. hrs.
A study of contemporary methods and techniques in adopted and special physical education programs. The class includes various characteristics and techniques related to instruction of the physically, mentally and socially handicapped. PR: 211, 212, 213.
- PE 342 Field Experience in Adapted Physical Education 2-4 sem. hrs.
Field experience in working with institutions and organizations which provide services to the handicapped. The credit is variable, depending upon the nature and duration of the field experience.
PR: 341.
- PE 351 Principles of Sport Coaching 3 sem. hrs.
The psychological, philosophical, and technical aspects of coaching various competitive sport activities. The class is team taught by various members of the coaching staff, including men and women.
PR: 211, 212.
- PE 352 Administration of Interscholastic Sports 3 sem. hrs.
Presents interscholastic sports as an integral part of the total education curriculum, emphasizing program planning, organization, and administration.
- PE 353 Field Experience in Sport Coaching 2-4 sem. hrs.
Field experience to include the participation of the student (as an intern coach) in either an inter-

collegiate or inter-scholastic sport program. The credit is variable. PR: 351, 352.

PE 365 Activities in Outdoor Education 1-3 sem. hrs.
This class will provide experience in outdoor education, including backpacking, canoe-camping, rock climbing, and other activities. The class will be presented over a period of weekends. Each weekend will be spent at a different location which will develop a variety of outdoor educational skills.

PE 366 Field Experience in Outdoor Education 1-3 sem. hrs.
This class will provide extended outdoor education experiences including Appalachian Trail, river canoe-campint trips, and others. The class will be offered for variable credit during holiday or summer periods when students have large blocks of time free. Credit awarded will vary according to length of experience. PR: 361.

PE 371 Principles of Athletic Training 3 sem. hrs.
This class is designed to present the basic competencies related to controlling and managing sport related injuries. The class will include presentations of prevention and treatment of injuries frequent in a variety of sport activities. PR: 211, 212.

PE 372 Field Experience in Athletic Training 2-4 sem. hrs.
This experience is designed to provide the student with experiences in athletic training procedures and techniques with college and secondary school athletic teams. The course will provide intern experience with various athletic teams. Credit will vary with the nature and duration of the intern experience. PR: 371.

PE 381 Water Safety Instructors 2 sem. hrs.
Methods of instruction in lifesaving and water safety. Satisfactory completion qualifies student for the American Red Cross Instructors Certificate for teaching senior lifesaving.

PE 382 Springboard Diving and Aquatic Games 2 sem. hrs.

The class will enable the student to apply and interpret the principles required to execute basic dives in each of the five positions. Will also include the presentation of skills in several aquatic games such as water polo, water basketball, and others.

PE 450 Advanced Sport 1 sem. hr.
Open to students with sufficient background in the techniques and methods of an indicated sport. Elective credit only, as this course cannot be used to fulfill the requirements in any degree program. Nor is credit to be awarded until the student has attained junior standing. Such credit can be received only once during academic career.

Delete:

PE 320M, 321M, 332, 361, 362, 408.

RECREATION, pp. 131-132

Delete the "Recreation" Bachelor of Science program.

RECREATION, p. 134

Delete all Recreation Courses of Instruction on this page (282, 384, 385, 386).

COURSES OF INSTRUCTION - SAFETY EDUCATION, p. 134

Change credit hours of Safety 203 from 2 to 3.

Add:

SAF 200 Accident Analysis and Emergency Care 2 sem. hrs.
A study of the accident problem as it relates to the elementary school environment and teacher responsibilities with emphasis on accident causation and prevention; and emergency treatment and control.

HISTORY, p. 137

Delete: 100. Introduction to World History

Delete the program under MAJOR.

Under MAJOR add the following program:

I. Major in Home Economics (B.S. Degree) 47 sem. hrs.

Required courses in Home Economics 39 hrs.

101 Prin. of Clothing Construction	3
103 Prin. of Clothing Selection	2
201 Prin. of Food Sel. & Prep.	3
202 Advanced Foods	2
210 Textiles	3
251 Applied Design	2
303 Nutrition	3
310 Family Life Education	3
312 Consumer Education	3
315 Home Management	3
316 Household Equipment	2
318 Home Management Problems	2
320 Home Planning & Furnishing	3
330 Child Care and Development	3
331 Adolescent Development	2

Required Related Courses 8 hrs.

Chemistry 8

II. Minor in Home Economics (B.S. Degree) 26 sem. hrs.
(B.A. Degree,
Education) 28 sem. hrs.

Same requirements as listed under Home Economics
Subject Specialization, Grades 7-9.

Delete Comprehensive Vocational, 7-12 program and
add the following program:

I. Home Economics - Comprehensive Vocational, 7-12
44 sem. hrs.

Clothing - Textiles

101 Prin. of Clothing Construction	3
103 Prin. of Clothing Selection	2
210 Textiles	3

Human Development and the Family

310	Family Life	3
330	Child Development	3
331	Adolescent Development	2
332	Child Development Problems	1

Foods - Nutrition

201	Prin. of Food Sel. & Prep.	3
202	Advanced Foods	2
303	Nutrition	3

Home Management - Family Economics

312	Consumer Education	3
315	Home Management	3
318	Home Management Problems	2

Housing, Home Furnishing, Equipment

251	Applied Design	2
316	Household Equipment	2
320	Housing and Home Furnishing	3

Education

430	Methods in Vocational and Adult Education	2
431	Methods and Materials in Teaching Home Economics	2

HOME ECONOMICS, p. 146

Delete "Subject Specialization, Grades 1-9, 7-9
and add the following two programs:

Home Economics - Subject Specialization 7-9

28 sem. hrs.

*101	Prin. of Clothing Construction	2
103	Prin. of Clothing Selection	2
201	Prin. of Food Sel. & Prep.	3
*210	Textiles	2
251	Applied Design	2
305	Nutrition in Public Schools	3
*310	Family Life	2
*312	Consumer Education	2
*315	Home Management	2
320	Housing and Home Furnishing	3

330	Child Development	3
**431	Methods and Materials in Teaching Home Economics	2

*Courses would have a variable credit value of two hours for the specialization programs.

**Not required for a specialization in a non-teaching program (Bachelor of Science Minor).

<u>Home Economics - Subject Specialization 4-8</u>		
		26 sem. hrs.
103	Prin. of Clothing Selection	2
201	Prin. of Food Selection & Prep.	3
*210	Textiles	2
251	Applied Design	2
305	Nutrition in Public Schools	3
*312	Consumer Education	2
*315	Home Management	2
320	Housing and Home Furnishing	3
330	Child Development	3
331	Adolescent Development	2
431	Methods and Material in Teaching Home Economics	2

*Courses would have a variable credit value of two hours for the specialization programs.

HOME ECONOMICS, p. 151

Add:

328. Cognitive/Affective Development of Child three hours

This course includes theoretical explanations of social, emotional, language and cognitive growth and development in infancy and early years. Factors which influence the development, assessment techniques and specialized services to facilitate development are included.

318. Home Management Problems two hours
Analysis and applications of management principles. Common problems of families use of resources;

management of relationships will be resolved by students through planned supervised experiences by observation or participation. PR: 315.

332. Child Development Problems one hour
Supervised experience in working with groups of pre-school children. Application of principles underlying the selection of activities and the use of materials for pre-school children.
(PR: 330)

Change as indicated:

Change the credit hours on the following five courses to variable credit - two/three hours:

Home Economics 101, 210, 310, 312, 315

TECHNOLOGY, p. 153

Change "Required Foundation Courses" to "Required Related Courses" and from "34" to "30 Sem. Hrs."

Change course numbers and credit hours as indicated:

180 to 182 and hours from 2 to 3

191 to 193 and hours from 2 to 3

Change "Required Related Courses" to "Additional Required General Studies Courses" and hours from "28" to "34 Sem. Hrs."

Delete: 271, 492, 493.

Sentence beginning with "I.E. 492 and 493 may be waived...."

Add:

300 Engineering Analysis.....4
194 Personnel Administration.....3

TECHNOLOGY, p. 154

Delete: Bus. 201 at top of page.

Add: English 109.....3
Bus. 310.....3
EDP 100.....3

Under "Students must choose one of the following options:" add "Technology Concentration."

Change credit hours for "Construction Technology Option" from 20 to "22 Sem. Hrs."

Add to this option:

472 Surveying II.....2

367 Construction Theory.....4

Delete from this option: 274, 374, 375, 376, 392.

Change credit hours for "Drafting Technology Option" from 20 to "22 Sem. Hrs."

Delete from this option: 374, 420, 423, 373, 421, 422, 473, 474.

Change course number: 320 to 324.

Change credit hours for "Electrical-Electronic Technology Option" from 20 to "22 Sem. Hrs."

Add to this option:

210 Intro. to Computer Electronics.....2

410 Digital Electronics.....4

318 Industrial Electronics &
Controls II.....2

Delete from this option: 206, 323, 423, 379, 415.

Change course numbers:

316-317 to 319 Advanced Electronics....4

416-417 to 418 Adv. Electronic Theory..4

Change credit hours for "Industrial Technology Option" from 20 to "22 Sem. Hrs."

Add to this option:

168 Welding.....4

294 Safety Laws and Insurance.....3

Delete from this option: 192, 315, 370, 470, 392.

Change credit hours for "Mechanical Technology Option (Engineering)" from 20 to "22 Sem. Hrs."

Add to this option:

479 Power Plants.....3

Delete from this option:

171, 274, 374, 370, 470, 379.

Delete the "Mechanical Technology Option (Power Mechanics)" specialization from the B.S. Degree.

Change credit hours for "Printing Technology Option" from 20 to "30 Sem. Hrs."

Add to this option:

238 Graphic Arts Photography.....3

Delete from this option: 135, 236, 331, 433, 435.

Change course number, title, and credit hours:

333 to 332 Printing Techniques.....4

Add the following options after Bus. Ed. 102:

Selected Electives: All students will have 12 hrs. with the exception of Printing who will have 4 hours. It is recommended that the elective hours be selected from one of the following options:

- | | |
|--|--------------|
| a. Work Experience Option | 12 Sem. Hrs. |
| 492 Work Study Seminar.....4 | |
| 493 Work Experience Lab.....8 | |
| b. Power Option | 12 Sem. Hrs. |
| 148 Engine Theory.....4 | |
| 150 Power Transfer Theory.....4 | |
| 149 or..151..or..153.....4 | |
| c. Mining Option | 12 Sem. Hrs. |
| 195 Mining & Safety Engrng.....2 | |
| 291 Mine Drafting.....2 | |
| 292 Mining Equipment,
Controls & Application....3 | |
| 395 Mine Design, Ventilation
and Drainage.....3 | |
| Approved Elective.....2 | |
| d. Manufacturing Option | 12 Sem. Hrs. |
| 168 Welding.....4 | |
| 171 Machine Shop.....4 | |
| 364 Manufacturing Processes....4 | |

CURRICULA FOR TEACHING FIELDS AND SPECIALIZATIONS
IN INDUSTRIAL ARTS, p. 155

Add the following two programs before the "Comprehensive" program:

Industrial Arts Subject Specialization 4-8

25 Sem. Hrs.

182	Materials of Industry.....	3
200	Communications.....	4
201	Production.....	4
202	Transportation.....	4
380	Man and Technology.....	2
381	Organ. & Admnstr. of I.A.....	2
483	Multiple Activities.....	4
431	Methods & Materials of I.A.....	2

Industrial Arts Single Teaching Field 7-12

43 Sem. Hrs.

103	Basic Electricity.....	3
121	Drafting.....	3
135	Printing Processes.....	3
154	Power Transfer Systems.....	3
164	Wood Technology.....	3
169	Metal Processing.....	3
182	Materials of Industry.....	3
200	Communications.....	4
201	Production.....	4
202	Transportation.....	4
380	Man and Technology.....	2
381	Organ. & Admin. of I.A.....	2
483	Multiple Activities.....	4
431	Methods & Materials of I.A.....	2

Industrial Arts (Comprehensive 7-12)

62-67 Sem. Hrs.

Under "Foundation Courses (required)" delete all foundation courses.

Add:

Foundation Courses (required)

43 Sem. Hrs.

103	Basic Electricity.....	3
121	Drafting.....	3
135	Printing Processes.....	3

154	Power Transfer Systems.....	3
164	Wood Technology.....	3
169	Metal Processing.....	3
182	Materials of Industry.....	3
200	Communications.....	4
201	Production.....	4
202	Transportation.....	4
380	Man and Technology.....	2
381	Organ. & Admin. of I.A.....	2
483	Multiple Activities.....	4
431	Methods & Materials of I.A.....	2

TECHNOLOGY, pp. 158-159

Delete all specializations under "Unit Laboratory Specializations" and add the following:

COMPREHENSIVE SPECIALIZATIONS

Construction 13 Sem. Hrs.

164	Wood Technology.....	3
268	Building Construction.....	4
367	Construction Theory and Lab.....	4
474	Codes and Practices.....	2

Drafting 13 Sem. Hrs.

121	Drafting.....	3
221	Graphic Illustrations.....	2
224	Architectural Drafting.....	4
225	Jigs, Fixtures, & Machine Design....	4

Electricity 13 Sem. Hrs.

103	Basic Electricity.....	3
112	Basic Electronics.....	4
203	Electrical Measurements.....	4
315	Industrial Electronics and Controls.....	2

Graphic Arts 12 Sem. Hrs.

135	Printing Processes.....	3
231	Image Transfer Mechanisms.....	3
238	Graphic Arts Photography.....	3
237	Layout and Design.....	3

Metals 13-15 Sem. Hrs.

169	Metals Processing.....	3
168	Welding.....	4
171	Machine Shop.....	4
364	Manufacturing Processes.....	4
	OR	
262	Welding.....	2

Power 15 Sem. Hrs.

148	Engine Theory.....	4
150	Carburetion & Ignition.....	4
151	Hydraulic & Suspension Systems..	4
154	Power Transfer Systems.....	3

Woods 13 Sem. Hrs.

164	Wood Technology.....	3
385	School Shop Maint.....	2
382	Furn. Construction & Design....	2
391	Wood Finishing.....	2
482	Cabinet Making.....	2
491	Advanced Woodworking.....	2

TECHNOLOGY, pp.159, 160

Delete "Single Teaching Field, Grades 7-12."

Paragraph at top of page 160.

"Two-year Associate Degree programs are found on pages 275-278."

Add: Two-year Associate Degree programs are found in the 1975-1976 Community College Catalog Supplement for Fairmont State College.

TECHNOLOGY, pp. 160-163

Delete: All semester "Model Schedules" on pages 160-163

Add: (p. 160) Bachelor of Science Degree
Engineering Technology

Semester 1

PHY 101	Introduction to Physics	4
ENGL 104	Written & Spoken English	3
MATH 101	Applied Tech. Math I	3
TECH 180	Materials & Processes of Ind.	2
TECH 192	Personnel Prob. & Labor Rel.	3
TECH 190	Industrial Orientation	1
		<hr/> 16

Semester 2

PHY 102	Introduction to Physics	4
ENGL 104	Advanced Written Engl.	3
MATH 102	Applied Tech. Math II	3
TECH 121	Drafting	3
TECH 103	Basic Electricity	3
		<hr/> 16

Semester 3

ECON 200	Economics	3
OR		
PSY 101	Intro. to Psychology I	3
ENGL 109	Tech. Report Writing	3
TECH 170	Statics	3
TECH 112	Basic Electronics	4
TECH OPTION		4
		<hr/> 17

Semester 4

BUS 309	Industrial Organ. & Mgt.	3
TECH 270	Strength of Materials	3
TECH OPTION		4
ELECTIVES		4
EDP 100	Intro. to EDP	3
		<hr/> 17

Semester 5

Summer Work Experience		
TECH 492 - TECH 493		8
		<hr/> 8

<u>Semester 6</u>		
ENGL 250	Survey of Engl. Literature	3
	Selected Social Studies	3
CHEM 101	General Chemistry	4
	Any Physical Education Course	1
	TECH OPTION	4
		<hr/> 15

<u>Semester 7</u>		
ENGL 260	Survey of Americal Lit.	3
	Selected Social Studies	3
CHEM 102	General Chemistry	4
BUS 310	Statistics	3
	TECH OPTION	4
		<hr/> 17

<u>Semester 8</u>		
SPCH 101	Fundamentals of Speech	3
	TECH OPTION	4
	Electives	5
		<hr/> 12

<u>Semester 9</u>		
BUS	Any Accounting Course	3
MUS 205	Music Appreciation	2
	OR	
ART 255	History & Apprec. of Art	2
	Electives	7
		<hr/> 12

Add: (p. 161)

Bachelor of Arts Degree
Industrial Arts
Comprehensive Teaching Field, 7-12

FIRST YEAR

Semester 1

ENGL 104	Written & Spoken Engl.	3
PH 201	General Physical Science	3
TECH 121	Drafting	3
TECH 164	Wood Technology	3
TECH Specialization		4
		<hr/> 16

Semester 2

ENGL 108	Advanced Written Engl.	3
PH 202	General Physical Sci.	3
TECH 182	Materials & Processes of Ind.	3
TECH 135	Printing Processes	3
TECH 200	Communications	4
TECH Specialization		2
		<hr/> 18

SECOND YEAR

Semester 3

Selected Social Studies		3
SPCH 210	Speech for the Teacher	3
TECH 169	Metal Processing	3
TECH 103	Basic Electricity	3
TECH 201	Production	4
		<hr/> 16

Semester 4

Selected Social Studies		3
EDUC 200	Intro. to Education	2
Any Physical Education Course		2
TECH 154	Power Transfer Systems	3
TECH 202	Transportation	4
TECH Specialization		4
		<hr/> 18

THIRD YEAR

Semester 5

EDUC 302	Human Growth & Development	3
ENGL 250	Survey of Engl. Literature	3
MUS 205	Music Appreciation	2

OR

ART 255	History & Appreciation of Art	2
---------	-------------------------------	---

TECH 381 Organ. & Admin. of I.A.	2
TECH Specialization	6
	<hr/>
	16

Semester 6

EDUC 303 Educational Psychology	3
ENGL 260 Survey of American Lit.	3
Selected Social Studies	3
TECH 380 Man & Technology	2
TECH 483 Multiple Activities	4
TECH Elective	3
	<hr/>

FOURTH YEAR

Semester 7

Selected Social Studies	6
Selected Elective	3
TECH Specialization	4
EDUC 250 Foundations of Amer. Educ.	2
	<hr/>
	15

Semester 8

EDUC 430 Reading in Sec. School	2
EDUC 431 Meth. & Mat. in I.A.	2
EDUC 432 Eval. in Sec. School	3
EDUC 433 Instr. in Sec. School	3
EDUC 450 Student Teaching Experience	6
	<hr/>
	16

TECHNOLOGY, p. 162

Add: Bachelor of Arts Degree
Industrial Arts
Certification 7-12

FIRST YEAR

Semester 1

ENGL 104 Written & Spoken English	3
PHS 201 General Physical Science	3
TECH 121 Drafting	3
TECH 164 Wood Technology	3
Second Teaching Field	4
	<hr/>
	16

Semester 2

ENGL 108 Advanced Written English	3
PHS 202 General Physical Science	3
TECH 182 Materials & Processes of Ind.	3

TECH 200 Communications	4
TECH 135 Printing Processes	3
Second Teaching Field	<u>2</u>

SECOND YEAR 18

Semester 3

Selected Social Studies	3
SPCH 210 Speech for the Teacher	3
TECH 169 Metal Processing	3
TECH 103 Basic Electricity	3
Second Teaching Field	<u>4</u>

16

Semester 4

Selected Social Studies	3
EDUC 200 Intro. to Education	2
Any Physical Education Course	2
TECH 154 Elements of Transportation	3
TECH 201 Production	4
Second Teaching Field	<u>3</u>

17

THIRD YEAR

Semester 5

EDUC 302 Human Growth & Development	3
ENGL 250 Survey of English Lit.	3
MUS 205 Music Appreciation	2

OR

ART 255 History & Appr. of Art	2
TECH 202 Transportation	4
TECH 381 Organ. & Admin. of I.A.	2
Second Teaching Field	<u>4</u>

18

Semester 6

EDUC Educational Psychology (303)	3
ENGL 260 Survey of American Lit.	3
Selected Social Studies	3
TECH 380 Man & Technology	2
TECH 483 Multiple Activities	4
Second Teaching Field	<u>3</u>

18

FOURTH YEAR

Semester 7

Selected Social Studies	6
Second Teaching Field	4

Selected Electives	3
EDUC 250 Foundations of Amer. Educ.	2
	<hr/> 15
<u>Semester 8</u>	
EDUC 430 Reading in the Sec. School	2
EDUC 431 Meth. & Mat. in Teaching I.A.	2
EDUC 432 Evaluation in Sec. School	3
EDUC 433 Instruction in the Sec. School	3
EDUC 450 Student Teaching Experience	5
	<hr/> 15

TECHNOLOGY, p. 163

Under "Courses of Instruction" change "Division of Industrial-Technical Education" to "Division of Technology."

Delete: 106. Mathematics for the Technician I
107. Mathematics for the Technician II

TECHNOLOGY. p. 164

Delete: 152. Elements of Transportation

Add:

154. Power Transfer Systems three hours
An introductory course involving power technology, from power sources through power transmission via heat transfer, mechanical, electrical, and fluid systems with the associated controls to its ultimate use by man.

Add:

153. Electrical Systems and Air Conditioning four hours
A study involving the theory, operation, and maintenance of the automobile battery, starter, alternator, regulator, and air-conditioning system.

Delete: 163. Sheet Metal I

TECHNOLOGY, p. 165

Change course numbers, credit hours, and content of TECH 180 and TECH 191 as follows:

180 to 182. Materials and Processes of Industry
three hours

Emphasis is placed upon the scientific concepts underlying the basic, procurement, process, fabrication, and finishing industries while studying the physical and chemical properties of the organic and inorganic materials utilized in today's industrial complex.

191 to 193. Personnel Problems and Labor Relations three hours

A seminar dealing with the development of management-minded supervision. Emphasis is directed toward leadership, skill development, utilization of job knowledge, and sound decision making principles for the operating manager.

Add:

200. Communications four hours

A multiple activities laboratory designed to operationalize concepts inherent in communication as related to drafting, graphic arts, electricity, and electronics. Students will demonstrate, identify, discuss, design, and solve problems reflecting the activities being studied.

201. Production four hours

A multiple activities laboratory designed to operationalize concepts of production related to extraction, processing, and fabrication of metals, woods, fibers, ceramics and synthetic products. Students will identify, develop, and apply materials and processes reflecting the activities being studied.

202. Transportation four hours

A multiple activities laboratory designed to operationalize concepts in transportation as related to outer space, land, water, and air. Students will identify, define, discuss, and develop activities reflecting the concepts being studied.

210. Introduction to Computer Electronics

four hours

Study and experimentation in logic functions, basic gates, and functional circuits used in computers.
PR: 103, 112.

Change course number and credit hours as follows:

"192." to "194. Personnel Administration"
"two hours" to "three hours"

Delete: 181. Multiple Activities I
186. Recreational Crafts

TECHNOLOGY, p. 166

Change course number and title as follows:

236 to 238. "High Contrast Photography" to
"Graphic Arts Photography"

Delete: 240. Engine Theory II
241. Engine Laboratory II
242. Power Transfer Theory II
243. Power Transfer Laboratory

TECHNOLOGY, p. 167

Add:

300. Engineering Analysis four hours
Technical problem solutions utilizing analytic geometry, differential, and integral calculus, and differential equations. Applications will include curvilinear motion, related rates, optimization methods, centroids, and moments of inertia of plane and solid bodies, and electronic circuit analysis. PR: Phys. 102; Math 102; Tech. 112, 270.

Delete: 261. Gas Welding II
263. Sheet Metal II
271. Strength of Materials Laboratory
281. Multiple Activities II
284. Plastics I
285. Industrial Design
289. Ceramics

TECHNOLOGY, p. 168

Change course number, title, and content as follows:

316 to 318. Industrial Electronics and Controls II
Continuation of 315. Includes magnetic amplifiers, operational amplifiers, motor controls, synchro-motors, and servosystems. PR: 315.

Change course number, title, credit hours, and content as follows:

317 to 319. Advanced Electronics four hours
Analysis and design of electronic power supplies, amplifiers, and oscillators; Component parameters and equivalent circuits are determined and used in design with transistors, FET's, tubes, and IC's. Stability, feedback, and frequency response are analyzed. PR: 112.

Change course title, credit hours, and content as follows:

320. Drafting Techniques four hours
This course is designed to teach advanced techniques in drafting. The methods of wet and dry reproduction machines, positive and negative prints, black and white color transparencies, shading, LeRoy lettering, steel brush lettering, axonometric and perspective projections, piping layout of a residence, metrification, and computer drafting.

Change course title and credit hours:

From: 333. Printing Techniques I two hours
To: 333. Printing Techniques four hours

Delete: 331. Commercial Graphics

TECHNOLOGY, p. 169

Add:

367. Construction Theory and Lab four hours
An advanced building construction course concerned with steel, wood, and masonry design methods and practices. Attention will be directed toward the physical and mechanical properties of construction materials including analysis, tension, compression and other ASTM testings. Problems involving the use of beams, girders, and columns will also be considered. PR: 268.

364. Manufacturing Processes four hours
An experience involving basic techniques in manufacturing and fabrication of metal products. The

process includes conception of an idea to be placed in experimental and developmental stages and final completion and mass production. This includes the use of the lathe, milling machine, drill press, surface and tool grinder, friction band saw, and the use of precision measuring instruments for lay-out and design. Special emphasis will be placed upon production safety.
PR: 171.

368. Environmental Systems four hours
An integrated course incorporating the aspects of plumbing, sanitation, heating, and air-conditioning. Study will include sizing, layout, design, and installation of these systems. Terminology, interpretation, and application of governing codes will be emphasized.

Delete:

- 366. Construction Theory and Lab I
- 370. Manufacturing Processes I
- 374. Graphic Solutions II
- 375. Plumbing & Sanitation
- 376. Heating and Air Conditioning

TECHNOLOGY, p. 170

Add:

410. Digital and Integrated Electronics four hours
Study and experimentation in logic families and pulse, timing and control, arithmetic, memory, analog, and special purpose digital and integrated circuits. PR: 210.

Change the title of Tech. 386 from "Industrial Arts for the Elementary Teacher" to "Technology in Elementary Education."

Delete: 384. Plastics II

TECHNOLOGY, p. 171

Add:

418. Advanced Electrical Theory four hours
Use of network theorems in solving complex electrical problems involving resistance, capacitance, and inductance in AC and DC circuits. Also includes

AC polyphase and nonsinusoidal circuits.
PR: Tech 103; Math 102.

Delete:

- 416. Advanced Electrical Theory I
- 417. Advanced Electrical Theory II
- 420. Drafting Room Techniques II
- 421. Drafting, Planning and Scheduling
- 422. Architectural Drafting III
- 423. Electrical Drafting II
- 433. Printing Techniques II
- 435. Printing Equipment Design and Maintenance
- 466. Construction Theory and Laboratory II
- 470. Manufacturing Processes II

TECHNOLOGY, p. 172

Add:

- 472. Surveying II two hours
A continuation of 372, application of the basic surveying skills. This will include: land surveying--rural and urban, highway route surveying, construction surveying, mine surveying, topographic surveying. Each phase will cover field work, note keeping, plotting and computation. PR: Tech. 107 or Math 102 and Tech. 372.
- 483. Multiple Activities four hours
A multiple activities laboratory designed to enable students to perform motor skill activities reflecting the middle, junior, and senior high school industrial arts curriculum. The successful use of tools, materials, and process through simulated instructional activities will be emphasized.

- Delete: 481. Multiple Activities III
485. School Shop Maintenance II

Change title of 491 to "Advanced Woodworking."

LIBRARY SCIENCE, p. 178

Under Curricula for a Teaching Field as School Librarian
delete:

- School Librarian K-12 21 Sem. Hrs.
- add: School-Library Media 24 Sem. Hrs.
- add: Lib. Sci. *120 Intro. to Lib. Sci.....3

Add:

- 120 Introduction to Library Science three hours
A study of the historical development of libraries and their relationship to the community as a whole. Basic terminology and tools of the field are introduced. Resource people identify and define the tasks and competencies required of the library personnel.

Change course content as follows:

- 210 Library Materials for Adolescents three hours
A study of the philosophy, principle and criteria used in selecting materials for young people. Selection aids and professional tools are studied. Overall collection building and evaluation are emphasized. A wide variety of adolescent material is studied.
- 302 Cataloging and Classification three hours
An introduction to the general principles of descriptive cataloging and entry work through a study of the Anglo-American Cataloging Rules. Construction of a call number is studied through use of the Dewey Decimal Classification and Cutter tables. Sears subject headings are used to present the basic principles of subject analysis. The practical aspects of these processes are stressed through their application to book and non-book materials.
- 304 Organization and Administration three hours
A study of the philosophy, objectives, and procedures involved in the functioning of libraries. Emphasis on planning the physical facility, equipment, standards, staff budgeting ordering, services, instruction, displays and public relations.

Add to course description of 400 Library Practice:

PR for BA in Education LS 120.

MATHEMATICS, p. 182

Delete: Mathematics - Subject Specialization Grades 1-9 or 7-9 and these programs.

Add:

Mathematics Subject Specialization 4-8

15 Sem. Hrs.

Math 210.....	3
Math 115.....	4
Math 372 or Math 323.....	3
Math 212 or Math 361.....	3
Math 431.....	2

Delete:

Teaching Field Comprehensive Grades 7-12

Single Teaching Field Grades 7-12 as it appears
on page 182 and add:

Single Teaching Field 7-12

33 Sem. Hrs.

115 Intermed. Math II.....	4
116 Calculus I.....	4
315 Calculus II.....	4
316 Calculus III.....	4
361 Abstract Algebra.....	3
372 Modern Geometry.....	3
431 Meth. & Mat. Tchng. Math..	2

Electives from the following

courses:.....9

200 Mathematical Logic...	3
206 Intro. to Theory of Numbers.....	3
212 Sets, Relations, and Functions.....	3
214 History of Math.....	3
335 Probability and Statistics.....	3
342 Numerical Analysis...	3
362 Linear Algebra.....	3
375 Topology.....	3
391 Intro. to Analysis...	3
411 Advanced Calculus....	3
413 Intro. to Complex Variables.....	3

MATHEMATICS, pp. 185-187

Change course content to:

110. Mathematics for Elementary Teachers I

three hours

An introductory course in mathematical ideas. This course includes basic concepts of set theory, properties of operations and a logical development of the real number system and its subsystems. Understanding of the basic operations is stressed. This course cannot be used as math credit toward certification for teaching mathematics. Credit for this course does not count for general requirement in science and mathematics.

210. Mathematics for Elementary Teachers II

three hours

This course is intended to follow Math 110. Topics covered in the course include an introduction to logic, numeration systems including bases other than ten, properties of real numbers, finite mathematics, solution of equations and inequalities. Credit for the course does not count for general requirement in science and mathematics. PR: Math 110.

Add:

323. Mathematics for Elementary Teachers III

three hours

This is the last of three courses intended to give prospective elementary teachers an adequate background and training in the concepts and skills of basic mathematics. A study of metric and non-metric geometry will be made, including both an informal and formal approach to proofs of elementary theorems. Credit for this course does not count for general requirement in science and mathematics. PR: Math 210.

MUSIC, pp. 190-191

Delete: Curriculum for Comprehensive Teaching Field Grades 1-12 and this program.

Add:

Music Subject Specialization K-12

59 Sem. Hrs.

(Students elect either Choral, Instrumental, or Piano-Organ emphasis)

- | | | |
|------|--|--------------|
| I. | Theory, Comprehensive: | 18 sem. hrs. |
| | Music 109, 110, 209, 210 Comprehensive Theory*..... | 16 |
| | Music 309, Orchestration*..... | 2 |
| II. | History and Appreciation: | 9 sem. hrs. |
| | Music 101, Recitals and Seminar (each semester)*..... | N/C |
| | Music 206, Music Appreciation for Majors*..... | 3 |
| | Music 313-314, Music History*..... | 6 |
| III. | Conducting: | 4 sem. hrs. |
| | Music 245, Fundamentals of Conducting*..... | 2 |
| | Music 347, Advanced Conducting (Instrumental & Choral)*..... | 2 |
| IV. | Participation: | 4 sem. hrs. |
| | Music 167, 169, 172, 173 (Collegiates, Band, Orchestra, and Chorus)***** | |
| V. | Applied Music and Classes: | 18 sem. hrs. |
| | 1. Applied Major (Emphasis) | |
| | I-VII*..... | 7 |
| | 103 Organ, 107 Piano, 177-203 Instrumental, 141 Voice | |
| | 2. Instrumental Classes:..... | 4 |
| | 211, String Class I-II*.... | 1 |
| | (Recommended all majors take 211-II) | |
| | 213-I Brass Class*..... | 1 |
| | 215-I Woodwind Class*..... | 1 |
| | 217-I Percussion Class*.... | 1 |
| | 170 Lab Band-Orch.*..... | N/C |
| | 3. Music 440, Senior Recital..... | 1 |
| | (See FSC Music Supplement for applied requirements) | |
| | 4. Additional Requirements:..... | 6 |
| | a. Choral Emphasis: | |
| | Instrumental Class II...1 | |
| | or Music 320, Keyboard Accomp.**** Piano*** | |

105 I-II, Piano Class*...2
 107, I, II, III Piano...3

- b. Instrumental Emphasis:
 Instrumental Class II...1
 Note: Brass Majors must
 take 215 I & II; Wood-
 wind majors must take
 213, I & II; Percussion
 majors must take 213, I
 & II and 215, I & II, and
 may be excused from 217
 by passing rhythmic read-
 ing proficiency.

Piano***

105 I & II, Piano.....2
 Class*
 107 I-II, Piano.....2
 139 Voice Class.....1

- c. Piano and Organ Major:
 Instrumental Class II...1
 or 103 Organ or 320
 Keyboard Accompanying.
 Applied Minor (Instru-
 mental or Voice).....4
 139 Voice Class.....1

VI. Music Education:	6 sem. hrs.
Music 328, Elementary Music Methods, Materials and Ad- ministration.*.....2	
Music 429, Instrumental Methods, Materials & Administration*.....2	
Music 430 Choral Methods, Materials & Administration*.....2	

NOTE: Music 431 Methods and Materials in Teaching
 General Music, 7-12 (Educational Block Course)

All Music majors with an instrumental Emphasis must
 take Band their Freshman and Sophomore years and at
 least one semester of chorus recommended.

*Courses marked with an asterisk must be completed
 prior to admission to the Initial Performance
 Practicum.

**Laboratory Band-Orchestra is held once each week for non-credit (NC). All persons taking Music 211, 213, 215, 217, 411, 413, 415, and 417 are required to participate.

***Piano is required of all music students. At the completion of the required number of hours (4), each student must pass the piano proficiency examination. If failed, the student must continue to take piano until the piano proficiency examination is passed. This requirement is necessary for a degree in music. A student who so desires, may take the piano examination after completing one or more hours of piano. If successful, he is excused from the remaining hours which must be added to music electives in an applied area.

****Music 320, Keyboard Accompanying, may be substituted for one hour of applied piano.

*****A first field or minor in addition to the four (4) hours participation credit, must be enrolled in a major performance group (band, choir, orchestra) during each semester of college attendance. Participation enrollment should be in line with the applied major.

MUSIC, p. 198

Delete: Introductory "Note" and sections a, b, c, d at top of this page.

All Courses of Instruction, pages 198-202.

Add:

*NOTE: All applied courses, Music 103, 303, 107, 307, 141, 341, including those applied courses on page 199 marked with an asterisk;

- a. Open to students with sufficient musical background to benefit from individual instruction in techniques of playing band and orchestral instruments. Acceptance of the student will be the prerogative of the instructor. See FSC Bulletin Music Supplement for applied requirements, recitals and applied levels.
- b. One hour credit applied music courses require one-half hour lesson per week plus daily practice of one hour.

- c. Two hour credit applied music courses require two one-half hour lessons per week or one hour lesson per week plus two hours daily practice.
 - d. Student desiring to take two hours for applied lessons must have the permission of their instructor. This permission is usually given only to upperclassmen.
101. Concerts, Recitals, and Seminars No Credit
 Pass or fail to be issued each semester. Scheduled campus concerts, recitals, seminars. Music majors and minors are required to attend 50 per cent of these programs each semester enrolled in college, except when practice teaching.
- *103. Organ I-IV; 303. Organ I-IV (last four semesters) one-two hours
 The program of study will be fitted to the individual needs of the student. Acceptance of the student will be the prerogative of the instructor.
105. Piano Class I-II one hour
 This course is designed for all students interested in beginning piano. This will be conducted as a class with each member being offered opportunity for participation.
- *107. Piano I-IV; 307. Piano I-IV (last four semesters) See description under Music 103. one-two hours
- 109E. Beginning Theory (on demand) two hours
 This course is designed for beginning music students who need additional background in theory.
109. Theory, Comprehensive four hours
 This course is organized in five interacting streams of study to develop the skills necessary for the perception and understanding of music. These streams of study are comprised of: formal and harmonic analysis, composition, ear training, keyboard harmony and singing. This study surveys the compositional techniques of the 18th and 19th centuries. A weekly lab of 5 minutes is required.

110. Theory, Comprehensive four hours
A study designed to reinforce and expand concepts acquired in Theory 109, with emphasis in compositional study involving modulation and musical perception with and without score. Five minute laboratory. PR: 109.
139. Voice Class I (first semester); 339. Voice Class (second semester) one hour
Course consists of a study of the fundamentals of voice production: breathing, resonance, articulation, and style.
- *141. Voice I-IV; 341. Voice I-IV (last four semesters) one-two hours
Open to students who have sufficient musical background and vocal quality to merit individual instruction. The principles of proper vocal production are stressed with later emphasis upon solo repertoire in English, Italian, German, and French.

MUSIC, p. 199

167. Collegiates I-IV; 367. Collegiates I-IV (last four semesters) one hour
A select touring choir. PR: Audition.
169. Band I-IV; 369. Band I-IV (last four semesters) one hour
Open to all students who can play an instrument needed to keep a balanced organization. The program of procedure is designed to present study of band literature and administration through participation. Includes the marching band, concert band and wind symphony. PR: Audition.
170. Laboratory, Band and Orchestra No Credit
Required of students who can play an instrument needed to keep a balanced organization. This course provides review experiences in conducting and playing instruments at the beginning and intermediate levels.
172. College-Community Symphony Orchestra I-IV; 372. College-Community Symphony Orchestra I-IV (last four semesters) one hour

Open to all students and members of the community who can play an orchestral instrument needed to keep a balanced organization. The course is designed to present the study and performance of orchestral literature appropriate to the playing ability of its members. Audition or at the discretion of the director.

173. Symphonic Choir I-IV; 373. Symphonic Choir
I-IV (last four semesters) one hour

Open to all students who can sing a part. This course is designed to present a study of choral literature and administration through participation. PR: Tryout.

174. Men's Varsity Glee Club I-IV; 374. Men's
Varsity Glee Club I-IV (last four semesters)
one hour

A performance group open to all men of the college community. Literature selected from various styles, including pop, show tunes, folk and religious. Performances for college and community functions. Non-audition. (Not to be used for major performance participation credit in any music degree program.)

Individual Instruction in Band and Orchestral Instruments:

- *177. Percussion I-IV; 377. Percussion I-IV (last
four semesters) one-two hours
179. Saxophone I-IV; 379. Saxophone I-IV (last four
semesters) one-two hours
- *181. Flute I-IV; 381. Flute I-IV (last four semesters)
one-two hours
- *183. Clarinet I-IV; 383. Clarinet I-IV (last four
semesters) one-two hours
- *185. Oboe I-IV; 385. Oboe I-IV (last four semesters)
one-two hours
- *187. Bassoon I-IV; 387. Bassoon I-IV (last four
semesters) one-two hours

- *189. Trumpet or Cornet I-IV; 389. Trumpet or Cornet I-IV (last four semesters) one-two hours
- *191. Baritone Horn I-IV; 391. Baritone Horn I-IV (last four semesters) one-two hours
- *193. French Horn I-IV; 393. French Horn I-IV (last four semesters) one-two hours
- *195. Trombone I-IV; 395. Trombone I-IV (last four semesters) one-two hours
- *197. Tuba I-IV; 397. Tuba I-IV (last four semesters) one-two hours
- *200. Violin I-IV; 300. Violin I-IV (last four semesters) one-two hours
- *201. Viola I-IV; 301. Viola I-IV (last four semesters) one-two hours
- *202. Cello I-IV; 302. Cello I-IV (last four semesters) one-two hours
- *204. Bass Violin I-IV; 304. Bass Violin I-IV (last four semesters) one-two hours

MUSIC, p. 200

205. Music Appreciation two hours
A general music course in appreciation. Music composers of the classical, romantic, and modern periods are discussed, and compositions of these composers are heard through the medium of recordings.
206. Music Appreciation for Majors three hours
The history and literature of music, with emphasis placed on listening to recordings of great music and the study of musical style and form of the leading composers of the Renaissance, Baroque, Vienna Classic, Romantic, and Modern periods, for the purpose of developing greater depth in the discrimination and appreciation of music. Recommended for students enrolled in a music teaching field, subject specialization, or major. This may be substituted for Music 205. Not open to students with credit for Music 205.

209. Theory, Comprehensive four hours
Continuation of Music 110 covering theoretical principles of the Baroque and Classical periods. Emphasis on contrapuntal forms and compositions of large formal structures. Five minute laboratory each week. PR: 110.
210. Theory, Comprehensive four hours
Continuation of Music 209 developing the skills necessary for the perception and understanding of music. Features theoretical principles of the Romantic and twentieth centuries. Five minute laboratory each week. PR: 209.
211. String Class I; 411. String Class II (last four semesters) one hour
This course is open to all students with sufficient background in music. A working knowledge of string instruments is attained through class instruction.
213. Brass Class I; 413. Brass Class II (last four semesters) one hour
This course is open to all students with sufficient background in music. A working knowledge of brass instruments is attained through class instruction.
215. Woodwind Class I; 415. Woodwind Class II (last four semesters) one hour
This course is open to all students with sufficient background in music. A working knowledge of woodwind instruments is attained through class instruction.
217. Percussion Class I; 417. Percussion Class II (last four semesters) one hour
Open to all students with sufficient background in music. A working knowledge of percussion instruments is attained through class instruction.
231. Elementary Music I (K-3) three hours
This course gives the student a background in music theory, terminology of music, rhythm, music reading, chord construction and use of the keyboard and classroom instruments needed by the classroom teacher. Methods activities and approaches of Orff, Kodaly, Manhattan Project, and others are emphasized

for K-3. Two lecture hours and one laboratory hour per week. Required for all elementary teachers.

232. Elementary Music II (4-8) three hours

This course is a continuation of Music 231 and includes methods and procedures for carrying out the music program in the elementary grades 4-8. PR: 231.

245. Fundamentals of Conducting two hours

A course designed to teach and develop the basic skills of conducting. PR: 109.

247. Stage Band I-IV; 447. Stage Band I-IV (last four semesters) one hour

Open to advanced instrumental students. PR: Audition.

249. Advanced Woodwind Ensemble I-IV; 449. Advanced Woodwind Ensemble I-IV (last four semesters) one hour

Open to advanced woodwind students. Includes various woodwind ensembles. PR: Audition.

MUSIC, p. 201

275. Advanced Brass Ensemble I-IV; 475. Advanced Brass Ensemble I-IV (last four semesters) one hour

Open to advanced instrumental students. Designed to give students an opportunity to participate in small ensembles. Groups meet on a regular weekly rehearsal schedule under faculty direction. PR: Audition.

277. Advanced Vocal Ensemble I-IV; 477. Advanced Vocal Ensemble I-IV (last four semesters) one hour

Open to advanced vocal students. Designed to give students experience in small ensemble participation. Groups meet on a regular rehearsal schedule under faculty direction. PR: Audition.

279. Advanced Percussion Ensemble I-IV; 479. Advanced Percussion Ensemble I-IV (last four semesters) one hour

Open to advanced percussion students and students with percussion experience. Designed to give students experience in small ensemble participation. Groups meet on a regular rehearsal schedule under faculty direction. PR: Audition.

309. Orchestration two hours
Basic instrumentation and arranging for band and orchestra. PR: 210.
310. Counterpoint (on demand) two hours
A study of the style and technique involved in the writing of 16th century polyphonic music. PR: 210.
311. Form and Analysis (on demand) two hours
A study of form and the analysis of music as found in the literature from the 17th to the 20th century. PR: 209.
312. Composition (on demand) two hours
This course is designed to teach, through the study of various types of music, a basic and accepted approach to creative composition. PR: 209.
313. History three hours
This course traces music from the early Greek through the Baroque periods, with emphasis on recognition of styles and composers. PR: 209.
314. History three hours
A continuation of Music 313 covering the Classical, Romantic, and Modern periods. PR: 313.
320. Techniques of Keyboard Accompanying one hour
A course designed to acquaint advanced students of piano and organ with the techniques involved in playing accompaniments for performing groups and soloists. Regularly scheduled laboratory experiences in playing accompaniments for vocal and instrumental soloists and ensembles will be provided. This course may be substituted for applied piano. PR: Permission of instructor. Given on demand.
328. Elementary Music Methods and Material for Majors, K-6 two hours
Enables the student to communicate musical ideas through visual and oral approaches and to demonstrate

a knowledge of the sources and ability to use quality materials, methods, and literature for comprehensive music program K-6. PR: 110, 139 and/or 141.

347. Advanced Conducting two hours
The student will be able to conduct advanced musical groups using those conducting techniques required in Instrumental and Choral conducting.
376. Civilization--A Personal View three hours
An interdisciplinary course using Kenneth Clark's films depicting the cultural life of western man.
429. Instrumental Methods, Materials and Administration two hours
This course includes advanced and practical application of instrumental conducting techniques, methods, administration and materials used in teaching instrumental music in the secondary schools. PR: 209 and 245.
430. Choral Methods, Materials, and Administration two hours
This course includes advanced and practical application of choral conducting techniques, methods, administration, materials used in teaching choral music in the secondary schools. PR: 209 and 245.
431. Methods and Materials in Teaching Music, 7-12 two hours
This course deals with techniques, methods and materials used in teaching and administering general music classes and high school music major classes. To be taken during the Initial Performance Practicum.

MUSIC, p. 202

432. Choral Workshop (on demand) two hours
This workshop course to be offered to upgrade choral instructor's teaching techniques and administration. This course will include experiences in conducting choral groups, interpretation, participating in choral rehearsals and performances, and the study of problems related to choral teaching and administration.

433. Instrumental Workshop (on demand) two hours
This workshop course to be offered to upgrade instrumental teaching techniques and administration of instructors. The course will include experiences in conducting instrumental groups, interpretation, participating in instrumental rehearsals and performances, and the study of problems related to instrumental teaching and administration.
434. Composition Workshop (on demand) two hours
This course is designed to study the composition of choral and instrumental works. Experience of hearing works performed by live groups will be provided.
435. Music Production Workshop one-three hours
A laboratory experience in music theater. Course will culminate in a public presentation of opera or musical comedy. PR: Consent of instructor.
437. Area Studies in Music Literature I-III one-three hours
Concentrated study of selected areas of music. The area selected to be determined by the instructor. PR: Consent of instructor.
440. Senior Recital one hour
(See FSC Music Bulletin Supplement)
All music majors are required to present a senior recital or its equivalent before the faculty jury or public.

PHYSICS--GENERAL SCIENCE, p. 205

Delete: Physics, General Science Comprehensive, 7-12
General Science, Subject Specialization,
grades 1-9 or 7-9

Add: General Science, Subject Specialization 4-8
30 Sem. Hrs.
Physical Science 100.....2
Physical Science 103.....2
Physical Science 105.....2
Biology 101-102.....8
Biology 210 or 315 or 330.....3
Health 104.....3

Physical Science 201-202.....	6
Physical Science 412.....	2
Physical Science 431.....	2

Add:

General Science, Single Teaching Field 7-12	
	35 Sem. Hrs.
Biology 101-102.....	8
Chemistry 101-102.....	8
Geology 101-102.....	6
Physics 101-102.....	8
Physics 202.....	3
Physical Science 431.....	2

Students choosing this teaching field and the Biology Single Field 7-12 may omit Biology 101-102.

Students choosing this field and the Chemistry Single Field 7-12 may omit Chemistry 101-102.

POLITICAL SCIENCE, pp. 209-211

Under "MAJOR" add Political Science 200, Introduction to Political Science, three hours, as a "Required Course" and change the "Electives in Political Science" from 27 to 24.

Under "MINOR" add Political Science 200, Introduction to Political Science, three hours, as a "Required Course" and change the semester hours required for a "Minor" from 15 to 18.

Increase the minimum semester hours for a "Minor" from 15 to 18.

Under "Suggested Courses for the Minor" add "(required)" after Political Science 200.

Add:

301. Comparative Public Administration three hours
Utilizing the techniques of comparative analysis, this course explores the theory and practice of public administration in various cultures and political systems; attention is centered on the practices of administration in American national, state, and local governmental settings.

Delete: Social Studies, Comprehensive, grades 7-12
and this program.

Add:

Social Studies Comprehensive 7-12 59 Sem. Hrs.

Core Courses:

History 107, 108.....	6
History 111, 112.....	6
History 302.....	3
History 319.....	3
History 341.....	3
Sociology 110.....	3
Sociology 200.....	3
Political Science 103.....	3
Political Science 200.....	3
Geography 210.....	3
Geography 305, 315, 330, 340, 350, 360, 370.....	3
Economics 200.....	3
Sociology 301.....	3
Social Science 499.....	3
Social Science 431.....	2

In addition, student-teachers are to choose one
of the following options:

Option 1. Social Science Advanced Studies
9 sem. hrs.

These advanced studies in the social sciences
allow prospective teachers to explore, under-
stand, and practice the state guidelines for
teacher education and the corresponding com-
petencies in greater depth and detail than in
introductory core courses; they also permit
development of personalized programs of indi-
vidual and professional self-development.

These may be chosen from the lists of accept-
able courses which follow:

- Economics 202, 301, 302, 303
- Geography 305, 315, 330, 340, 350, 360, 370
- Political Science 201, 203, 205, 304, 305,
310, 404, 410, 411, 412, 413
- Sociology 305, 310, 330, 340, 430, 450

Psychology 101, 102, 210, 230, 250, 300,
330, 393, 410, 491, 493, 494, 495

History: As a matter of policy, all history courses are developed to contribute to the fulfillment of State Guidelines for Teacher Education. This permits the prospective teacher to select any history course as an Advanced Study and to develop teaching competencies in terms of its particular subject matter. The only exception to this rule is History 410 Area Study. Since the content of this course is determined by the instructor, it is not possible to guarantee that it would always contribute to the fulfillment of State Guidelines. History 410 is specifically excluded.

Option 2. A second teaching field outside the social sciences, grades 7-9, 7-12.

Add:

Social Studies Subject Specialization 4-8

39 Sem. Hrs.

History 107, 108.....	6
History 111, 112.....	6
History 302.....	3
History 319.....	3
History 341.....	3
Geography 210.....	3
Political Science 103.....	3
Sociology 110.....	3
Economics 200.....	3
Sociology 301.....	3
Social Science 499.....	3

Delete: Social Studies, Subject Specialization,
grades 1-9 or 7-9

Add:

Social Studies Subject Specialization, grades 7-9
42 Sem. Hrs.

History 107, 108.....	6
History 111, 112.....	6
History 302.....	3

History 319.....	3
History 341.....	3
Geography 210.....	3
Political Science 103.....	3
Sociology 110.....	3
Economics.....	3
Sociology 301.....	3
Social Science 499.....	3

In addition choose one of the following courses, which are designed to develop an awareness of the tempo of change and its impact on social values:

History & Sociology 381.....	3
History 373.....	3
History 371.....	3
History 331.....	3
Sociology 200.....	3
Political Science 200.....	3
Political Science 305.....	3
Political Science & Psychology 393.....	3
Political Science.....	3

SOCIAL SCIENCE, p. 224

Add the following courses of instruction:

150. Introduction to Appalachian Studies

three hours

An interdisciplinary study of Appalachian culture, focusing on the values, attitudes, and problems of the region, as reflected in its history, geography and in its political, economic and social institutions. (This course may be taken for general elective credit toward all degrees, but does not satisfy the General Studies requirement for any degree.)

499. Social Science Interdisciplinary Seminar

three hours

A study of the similarities and differences among the social sciences, as well as an interdisciplinary synthesis: how to make the social sciences work together. (Open only to students in education programs in Social Studies: 4-8, 7-9, and 7-12.)

SOCIOLOGY, p. 230

Change Sociology 485 credit hours from one to nine hours to three to nine hours.

Add:

491. Seminar: Sociological Literature

one to three hours

A course designed to use original sources and publications not primarily used as texts. PR: 490 or consent.

492. Seminar: Sociological Literature

one to three hours

A course designed to use original sources and publications not primarily used as texts. PR: 490 or consent.

497. Seminar: Special Problems in Sociology

one to three hours

Open only for juniors and seniors majoring in Sociology. Reading and research on subjects suited to the student's needs. PR: 470 or consent.

498. Seminar: Special Problems in Sociology

one to three hours

Open only for juniors and seniors majoring in Sociology. Reading and research on subjects suited to the student's needs. PR: 470 or consent.

SPEECH AND DRAMA, p. 231

Change "Major" to "Minor" and "34 sem.hrs." to "28 sem.hrs;" "II. Options. Select a minimum of 22 semester hours...." to "II. Options. Select the minimum of the 16 required semester hours from Drama Option or the Speech-Communication Option."

SPEECH AND DRAMA, p. 233

Delete the "Minor" on this page. See page 231 for the "Minor."

Change Curricula for Teaching Fields and Specializations in Speech to "Curricula for Teaching Fields and Specializations in Oral Communication (Speech & Drama)."

SPEECH AND DRAMA, p. 233

Delete: Single Teaching Field, Grades 7-12. Do not delete courses.

Add: Oral Communication (Speech & Drama), Single Teaching Field 7-12

Change credit hours of "Required Courses" from 27 to 29.

Add:
431. Methods & Materials for Teaching Speech & Drama
two hours

SPEECH AND DRAMA, p. 234

Delete: Subject Specialization, Grades 1-9, 7-9 and this program.

Add:
*Oral Communication Subject Specialization 4-8
26-27 Sem. Hrs.

Speech 105	Voice & Diction.....	3
Speech 130	Introduction to Broadcasting.....	2
Speech 210	Speech for the Teacher.....	3
Drama 221	Oral Interpretation.....	2
Speech 237	Persuasive Speaking.....	2
or		
Speech 240	Group Discussion.....	3
Drama 251	Acting.....	2
Drama 336	Play Directing.....	2
Drama 337	Play Directing Prac.....	1
Drama 338	Children's Drama.....	3
Drama 339	Creative Drama Practicum.....	1
Speech 430	Speech Correction.....	3
Speech 431	Methods & Materials in Teaching Speech and Drama.....	2

*Formal approval of this program pending.

EDUCATION - The following section on Education replaces pages 243 to 255 in the 1974-76 Catalog:

REQUIREMENTS FOR THE
BACHELOR OF ARTS DEGREE
IN EDUCATION

(Division of Education)

The education of teachers at Fairmont State College is designed to utilize the cooperative functions of the academic disciplines and the Division of Education. The philosophy of the College is that adequate preparation for teaching requires rich and comprehensive experience in the area of general education, concentration in a diversified, comprehensive or two academic specializations and the development of certain attitudes, knowledges, skills and performances which characterize effective teaching. Fairmont State College recommends for professional licensure only those persons who have graduated and have satisfactorily completed one of its programs approved by the West Virginia Board of Education.

Teaching Specializations

Fairmont State College offers curricula in elementary and secondary teaching leading to the degree of Bachelor of Arts in Education. Students satisfactorily completing a teaching curriculum in a given area will qualify for a Professional Certificate, grades K-12, 1-6, 4-8, 7-9 or 7-12. Specializations which may be added include Early Education, Special Education-Mental Retardation and varied academic subject specializations. Students may choose, after consultation with their advisor, from the following programs.

Professional Certificate, Grades 1-6 (Elementary)

Optional specializations which may be combined with elementary education are:

Early Education (preschool-ages 3-5 years)

Mental Retardation *(K-12)

School Library-Media **(K-12)

Health Education **(K-12)

Specializations for the middle school (Grades 4-8)

Art

General Science

Home Economics

Industrial Arts/Technology

Language Arts

Mathematics

Oral Communications

Social Studies

Professional Certificate, Grades 7-12 (Secondary)

Comprehensive, Grades 7-12 (requires no second specialization)

Business Education

Home Economics - Vocational

Industrial Arts/Technology

Social Studies

Single Specializations, Grades 7-12 (requires second specializations for 7-12, K-12, or 7-9)

Art

Biology

Business Principles

Chemistry

English

General Science

General Shop

Journalism (requires second specialization for 7-12 or K-12)

Mathematics

Oral Communications

Physical Education

Physics

Secretarial Studies

Specializations, Grades 7-9

Home Economics

Language Arts

Social Studies

Specializations, Grades K-12

Health Education**

Mental Retardation*

School Library-Media**

Professional Certificate, Grades K-12

Art (Does not require a second specialization)

Music (Does not require a second specialization)

Health (Requires a second specialization for teaching in grades K-12, 7-12 or 7-9.

See specialization listed under "Professional Certificate, Grades 7-12")

* The Mental Retardation specialization, K-12, may be used only in combination with Home Economics, 7-12; Industrial Arts, 7-12; or Elementary Education, 1-6.

** School Library-Media or Health, K-12, may be selected in combination with a specialization for classroom teaching in grades 7-12, 7-9, K-12, or Elementary Education, 1-6.

Specific specialization requirements for elementary and secondary education programs are identified in the sections entitled Teaching Curricula listed under that particular discipline.

It is the responsibility of candidates for a degree to know and to meet the general requirements of the College and the specific requirements of the chosen curriculum. It is the student's responsibility also to keep informed of his grade point standing. All of this information may be obtained from the student's adviser, or the Office of the Division of Education or Dean of Teacher Education.

ADMISSION TO TEACHER EDUCATION

Any freshman may enroll in the first professional course, Education 200, Introduction to Education. It is required of all teacher education students, though non-teacher education students may take it as an elective.

The "Student Information Form" is to be completed and filed with the Division of Education before the completion of Education 200. A student will receive a grade of Incomplete in this course until this form is filed. Students are expected, in this course, to make a tentative decision on entering the profession by completing the "Declaration of Intent".

In order to be eligible for enrollment in Education 302, Human Growth and Development, a student must be in good academic standing (not on academic probation). The completion of Education 200 and 250 is also a requirement for enrollment in this course.

While enrolled in Education 302, those interested in pursuing the Teacher Education program shall make formal application by completing the form, "Application for Admission to the Teacher Education Program". To be acceptable, the application must have a minimum quality point average of 2.0 overall and in each teaching specialization. He must have satisfactorily completed the required Written English courses and attain a C or better in English 108. He must, at the time of application, be passing Education 302. As a part of this application he must also be recommended by the College Health Center, the Social Dean and his academic adviser.

Near the end of the semester in which the student is enrolled in Education 302, the Selection Committee evaluates each student's eligibility for Teacher Education on the basis of the information in his folder. The student is notified in writing of the Committee's decisions: Approved, Approved Conditionally; or Disapproved. Each student shall have the opportunity of appearing before the Committee if he disagrees with its decision.

If a student has satisfactorily completed Education 302 and has approval of the Selection Committee, he is eligible to enroll in Education 303, Educational Psychology. While in this course, Teacher Education students shall make application for the Initial Performance Practicum.

INITIAL PERFORMANCE PRACTICUM

Fairmont State College has adopted the Initial Performance Practicum for scheduling student teaching. In the Initial Practicum(1) one semester of the senior year (approximately 14-15 hours) is reserved for the student in which he/she schedules a block of professional education subjects, including methods and student teaching; (2) the second half of that semester is used exclusively for student teaching in which the daily assignment for student teaching will comprise all hours the school is in session, and (3) in addition to classroom assignments, student teachers will participate in the extra-curricular activities of the school and community.

To schedule the I.P.P. a student must meet the requirements for student teaching as described below. The I.P.P. requires exact planning by students and advisers during the early years of the college career as well as in the senior year. All general studies requirements of the College as well as the minimum requirements of the teaching specialization must be completed before the I.P.P. can be scheduled.

Eligibility for the Initial Performance Practicum is determined on the basis of these criteria:

1. Completion of 96 semester hours including 10 hours in education courses, and three-fourths of the required work in each teaching specialization. All courses in the teaching specialization which are marked by an asterisk in this catalog must be completed before admission to the I.P.P.
2. Satisfactory completion of English 108, Advanced Written English, with a minimum grade of C, and Speech 210 with a minimum grade of C.
3. Division approval of the candidate's comprehensive or the teaching specialization and completion of professional education courses which are pre-requisite to the I.P.P. courses.
4. Evidence good moral character (i.e., his reputation among students, faculty and in the community must be exemplary).
5. Have a 2.0 quality point average or better.
 - a. On all semester hours to be counted toward graduation.
 - b. On all semester hours earned in the Division of Education.
6. Have a 2.2 quality point average in each teaching specialization (includes the Elementary Specialization).*
7. Present a statement from the College Health Center showing that the student has been given a physical examination and found to be physically fit for assignment to student teaching.

Students will not be permitted to schedule courses outside the I.P.P. or extra-curricular activities which will in any way interfere with the course work without the consent of the Dean of Teacher Education.

STUDENT TEACHING EXPERIENCE

Student Teaching is required in all curricula and is evaluated on a basis of Pass, Incomplete, or Fail. Students must attain a C average in the course work portion of the I.P.P. in order to be eligible for the student teaching experience. Students must complete student teaching at the grade levels and in at least one of the teaching specializations in which they expect to be licensed. At the present time, student teaching experiences are provided in the public schools of Barbour, Marion, Harrison, Monongalia, Preston and Taylor counties. All such experiences are cooperatively administered by College and public school personnel. Due to the uniqueness of the off-campus student teaching experience, a student may be administratively removed, with cause.

NATIONAL TEACHER EXAMINATIONS

Completion of the National Teacher Examinations is a requirement for graduation and licensure. A report of NTE scores must accompany the application to the West Virginia Department of Education. If the test scores are not received, the application must be held pending completion of the Examinations and receipt of scores. The student should keep in mind that not to be licensed at the time of graduation may subject him to subsequent changes in requirements if he seeks licensure later.

Elementary. A student expecting to be licensed in Elementary Curricula and an academic specialization must take the Commons Examinations and the Teaching Area Examination entitled "Education in the Elementary School". A student expecting to be licensed in Elementary Education and Early Childhood Education will meet requirements by completing the Commons Examinations and the Teaching Area Examination entitled "Education in the Elementary School" OR "Early Childhood Education".

Secondary. A student expecting to be licensed for teaching in grades 7-12 must take the Commons Examinations and the Teaching Area Examination consistent with the 7-12 specialization to be named on the license. If he expects to be licensed in two 7-12 specializations, he may complete the Teaching Area Examination in either 7-12 specialization.

K-12. A student expecting to be licensed for teaching in grades K-12 must take the Commons Examinations and the Teaching Area Examination consistent with the K-12 specialization to be named on the license.

SUMMARY OF DEGREE REQUIREMENTS

The requirements for the Bachelor of Arts in Education degree are (1) the candidate must earn a minimum of 128 hours credit in approved subjects with a quality point average of 2.0 or better, for all courses attempted and for all professional courses; (2) must attain a 2.2 average in each teaching specialization, including the Elementary Specialization,*and (3) shall meet the general and specific requirements set up for the curriculum and teaching specialization(s) he elects.

COLLEGE RECOMMENDATION PREREQUISITE TO CERTIFICATION

College recommendation shall take into consideration Chapter 18A, Section 3, Article 1, of the West Virginia School Law which reads "A certificate to teach shall

not be granted to any person who is not a citizen of the United States and is not of good moral character and physically and mentally qualified to perform the duties of a teacher, and who shall not have attained the age of eighteen years on or before the first day of October of the year in which his certificate is issued;...."

The issuance of an original certificate shall require:

1. The recommendation of the Dean of Teacher Education in consultation with the Chairman of the Division of Education, supervisor of student teaching and Chairman of the department offering the specialization. This recommendation is expected to reflect, in addition to academic criteria, satisfactory performance on the part of the applicant in a typical classroom situation.
2. An official statement that the approved program has been completed in full.

*The General Studies requirements for elementary education also fulfill competencies for the Diversified requirements and are included with the Diversified for the Elementary Specialization in determining the 2.2 grade point requirement for eligibility for the Initial Performance Practicum.

TEACHING CURRICULA

ELEMENTARY EDUCATION

Students who are qualifying for teaching in an open or self-contained classroom grades 1-6 shall complete the following:

- I. General Studies (Elementary)
- II. Professional Education
- III. The Diversified Program

Optional specializations which may be combined with elementary education are:

1. Early Education (preschool children, ages 3-5)
2. Special Education-Mental Retardation (K-12)
3. School Library-Media (K-12)
4. Health Education (K-12)
5. Academic subject specializations for the Middle School (4-8)

Art	Language Arts
General Science	Mathematics
Home Economics	Oral Communication
Industrial Arts/Technology	Social Studies

Note: Student teaching is required in an approved open or self-contained classroom grades 1-6 and in an approved classroom for each additional specialization.

SECONDARY EDUCATION

Students who are qualifying for teaching in grades 7 through 12 shall complete the following:

I. General Studies (Secondary)

II. Professional Education

III. Specialization

- a. One comprehensive specialization to teach in grades 7 through 12 the related subjects which comprise the comprehensive specialization.

or

- b. Two single subject specializations for grades 7 through 12.

or

- c. One single subject specialization for grades 7 through 12 and one specialization for grades 7 through 9.

or

- d. One single subject specialization for grades 7 through 12 and a specialization K-12 in either School Library Media, Health or Special Education.

Secondary Education students select from the following specializations:

1. 7-12 Comprehensive Specializations

Business Education	Industrial Arts/Technology
Home Economics-Vocational	Social Studies

2. 7-12 Single Field Specializations

Art	English	Mathematics
Biology	General Science	Oral Communication
Business Principles	General Shop	Physical Education
Chemistry	Journalism	Physics
		Secretarial Studies

3. 7-9 Specializations

Home Economics	Language Arts	Social Studies
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4. K-12 Specializations

Health*	Mental Retardation** School Library-Media*
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*The School Library-Media or Health specialization, K-12, may be selected in combination with a specialization for classroom teaching in grades 7-12, 7-9, K-12 or Elementary Education, 1-6.

**The Mental Retardation specialization, K-12, may be used only in combination with Home Economics, 7-12; Industrial Arts, 7-12; or Elementary Education, 1-6.

Note: Secondary special methods and student teaching must be consistent with the grade levels and specialization to be named on the license.

GRADES K THROUGH 12

Each student who is qualifying for teaching of Art or Music, grades K through 12 shall complete the following:

I. General Studies

II. Professional Education, to include methods and student teaching of the single subject specialization at both the elementary and secondary levels.

III. Specialization

Grades K-12

Art - one comprehensive specialization

or

Music - one comprehensive specialization

GENERAL STUDIES REQUIREMENTS FOR THE
BACHELOR OF ARTS IN EDUCATION DEGREE

The General Studies requirement differs for elementary and secondary education programs, however, each consists of forty credit hours as a minimum distributed over humanities, mathematics, natural sciences and physical education and health. The General Studies requirements for elementary education also fulfill competencies for the Diversified requirements and are included with the Diversified for the Elementary Specialization in determining the 2.2 grade point requirement for eligibility for the Initial Performance Practicum.

ELEMENTARY EDUCATION

<u>General Studies</u>		<u>40 Hours</u>
I. Humanities		17 Hours
*English 104 - Written English	3	
English 108 - Advanced Written English	3	
English 250 - Survey of English Literature	3	
English 260 - Survey of American Literature	3	
Speech 210 - Speech for the Teacher	3	
Art 255 - History and Appreciation of Art		
or	2	
Music 205 - Music Appreciation		
II. Social Sciences		12 Hours
Geography 210 - Introduction to Geography	3	
History 107 - United States History I	3	
History 108 - United States History II	3	
History 111 - History of Civilization I		
or	3	
History 112 - History of Civilization II		
III. Science and Mathematics		9 Hours
Math 110 - Mathematics for Elementary Teachers	3	
Physical Science 201 - General Physical Science	3	
Physical Science 202 - General Physical Science	3	
IV. Physical Education		2 Hours
Physical Education 231 - Games and Rhythms	2	

SECONDARY EDUCATION

<u>General Studies</u>		<u>40 Hours</u>
I. Humanities	Minimum 17 hrs., Maximum 21 hrs.	
Required:		
*English Composition 104 - (Written English)	3	
English Composition 108 - (Advanced Written English)	3	
Literature, English 250 - (Survey of English Literature)	3	
Literature, English 260 - (Survey of American Literature)	3	
Speech 210 - (Speech for the Teacher)	3	
Art 255 - (History and Appreciation of Art)	2	
OR		
Music 205 - (Music Appreciation)	2	
**Music 206 - (Music Appreciation for Music Majors)	3	

Approved Electives in Humanities:
 Art 255 OR Music 205 (Not used above)

2

*Prior to enrolling in English 104, Foundations 101 Basic Communications, is strongly recommended for those who do not meet certain minimum standards.

**Music 206 is for Music Majors only.

II. Social Sciences

Minimum 12 hrs., Maximum 15 hrs.

Economics 200 - (Economics)	3
Geography 210 - (Introduction to Geography)	3
History 107 - (United States History I)	3
History 108 - (United States History II)	3
History 111 - (History of Civilization I)	3
History 112 - (History of Civilization II)	3
Political Science 103 - (American Government)	3
Psychology 101 - (Introduction to Psychology)	3
Sociology 110 - (Introductory Sociology)	3

III. Science and Mathematics

Minimum 9 hrs., Maximum 12 hrs.

Secondary Students:

Math 205 - required (Fundamental Concepts of Math)	3
AND	
Physical Science	6
100 Scientific Methodology(required)	2
And Select Two of the Following:	
101 Astronomy	2
102 Chemistry	2
103 Geology	2
104 Physics	2
105 History of Physical Science	2
OR	
Biology 101 - (Introduction to Biology)	4
Biology 102 - (Introduction to Biology)	4
OR	
Chemistry 101 - (General Chemistry)	4
Chemistry 102 - (General Chemistry)	4
OR	
Chemistry 105 - (Chemical Principles)	5
Chemistry 106 - (Chemical Principles)	5
OR	
Geology 101 - (General Geology)	3
Geology 102 - (General Geology)	3
OR	
Physics 101 - (Introduction to Physics)	4
Physics 102 - (Introduction to Physics)	4

IV. Physical Education

P.E. 100 Basic Physical Education	2
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**REQUIRED PROGRAM OF PROFESSIONAL EDUCATION FOR
BACHELOR OF ARTS IN EDUCATION DEGREE**

Foundation Courses - All Students

Education	200	Introduction to Education	2
Education	250	Foundations of American Education	2
Education	302	Human Growth and Development	3
Education	303	Educational Psychology	3

Elementary Professional Education

Education	300	The Reading Process (in Diversified)	2
Education	304	Developmental Reading (in Diversified)	2
Education	402	Mathematics in the Elementary School	2
Education	403	Language Arts in the Elementary School	2
Education	404	Social Studies in the Elementary School	2
Education	405	Corrective Reading	2
Physical Sci.	412	Science in the Elementary School (in Diversified)	2
Education	420	Student Teaching Experience (Elementary)	6

Secondary and K-12 Professional Education

Education	430	Reading Instruction in the Secondary Content Area	2
Education	432	Evaluation Techniques in the Secondary School	2
Education	433	Instruction in the Secondary School	3
Special Methods	431*	Special Methods (in Subject Specialization)	2
Education	450	Student Teaching Experience (Secondary)	6
Education	421	Student Teaching Experience (K-12) (Elementary)	3
Education	422	Student Teaching Experience (K-12) (Secondary)	3

*Students electing a comprehensive field must include 431, Methods and Materials in the comprehensive area. If he elects to complete two single subject specializations, he may choose Methods and Materials in either specialization. Should he elect to complete a single subject specialization in grades 7 through 12 and one for grades 7 through 9, he is required to complete Methods and Materials in the 7 through 12 area.

ELEMENTARY EDUCATION, GRADES 1-6

48 Hours

A. Required Diversified Program for self-contained or open classroom.

*Art	353	Elementary Art Education I	2
*Art	354	Elementary Art Education II	2
*Biology	101	Introduction to Biology	4
*Biology	102	Introduction to Biology	4
Health	100	Personal Health	2
*Health	400	Health Education for the Elementary School	2
Safety	200	Accident Analysis and Emergency Care	2
*English	207	Children's Literature	3
*Math	210	Mathematics for Elementary Teachers	3
*Math	323	Mathematics for Elementary Teachers III	3
*Music	231	Elementary Music I	3
*Music	232	Elementary Music II	3
Political Sci.	200	Introduction to Political Science	3
Economics	200	Economics	3
Sociology	110	Introductory Sociology	3

*Education	300	The Reading Process	2
*Education	304	Developmental Reading	2
*Physical Sci.	412	Science in the Elementary School	2

*These courses in Diversified Program must be completed prior to admission to the Initial Performance Practicum.

- B. Students who are qualifying for a Professional Certificate, Grades 1-6, may wish to add the Early Education or Special Education specialization to their certificate.

EARLY EDUCATION SPECIALIZATION			20 Hours
Home Economics	110	Nutrition	2
Physical Ed.	326	Development of Fundamental Sport Behavior	2
Home Economics	328	Cognitive/Affective Development Children	2
Speech	430	Speech Correction	3
Technology	386	Technology in Elementary Education	2
Education	305	Early Education Curriculum	3
Education	310	Organization/Administration Early Education	3
Education	420	Student Teaching Early Education	3**

SPECIAL EDUCATION K-12 SPECIALIZATION			21 Hours
Education	220	Areas of Exceptionality in Special Education	3
Education	221	Education of Exceptional Children	3
Education	320	Education of the Mentally Retarded	3
Education	321	Diagnosis, Prescription and Assessment Techniques	3
Education	322	Curricula Approaches, Materials, and Methods for the Mentally Retarded	3
Education	440	Applied Practicum in Mental Retardation	3
Education	470	Applied Practicum in Mental Retardation	3**

- C. Subject Specializations Grades 4-8 (May be added to 1-6 Elementary only)

Art	Language Arts	Science
Home Economics	Mathematics	Social Studies
Industrial Arts	Oral Communications	

**Replaces 3 semester hours of Education 420.

MODEL COURSE SCHEDULES

Model course schedules to aid the student in planning each semester's course work may be obtained from the Division of Education Office or Advisers.

COURSES OF INSTRUCTION PROFESSIONAL EDUCATION

200. Introduction to Education two hours
An overview of the profession to provide the student with the information prerequisite for formulating a realistic career decision and a professional commitment to teaching. It is a prerequisite for Education 302. It is recommended that students take this course in their freshman year. A laboratory experience in a public school is required.

220. Areas of Exceptionality in Special Education three hours
A guided survey of the areas of exceptionality in the field of Special Education (emotionally disturbed, physically handicapped, speech and language, visually impaired, hearing impaired, mentally retarded, gifted, and learning disabled), and explore the historical-philosophical and political-sociological foundations as they relate to exceptional children. The laboratory component of the course is designed to give experience in the areas of exceptionality through observation and limited participation in the identified areas.
221. Education of Exceptional Children three hours
A survey of Special Education designed to acquaint the student with the research, issues, assessment devices and classroom management techniques. The laboratory component of the course is used to highlight the identified elements of Special Education.
250. Foundations of American Education two hours
An analysis of the foundations of education with special emphasis on the historical, philosophical, and sociological basis for programs of American education. Attention is focused on the emergent nature of the system. It is recommended for students in their sophomore year.
300. The Reading Process two hours
Examines the components of reading with emphasis placed upon word attack skills, reading comprehension and factors which affect reading progress.
302. Human Growth and Development three hours
An analysis of human growth and development from birth through adolescence. The influence of heredity and environment on the development of personality and behavior and their implications for learning in the educational setting are stressed. Observations of school age children are required. PR.: Education 200, 250, and 58 or more semester hours with a C average.
303. Educational Psychology three hours
A representative survey of psychology as related to education. The major emphasis is the examination of prominent learning theories as they relate to the teaching-learning act in the public school setting. Observations in the public schools are required. PR.: Education 200, 250, 302, admission to Teacher Education, and 76 or more semester hours.
304. Developmental Reading two hours
A study and application of teaching methods, materials and resources in the development of various reading skills in grades 1-6.
309. Early Education Curriculum three hours
Materials and methods in the curriculum areas of communication, arts, social education, quantitative concepts, problem solving, scientific inquiry, movement, and creative expression for the young child (age 3-5 years) in an educational setting. A laboratory experience is required.
310. Organization and Administration of Early Education three hours
Program design and management, school-parent-community relations and influences affecting early education programs in varied educational environments. A laboratory experience is required.
320. Education of the Mentally Retarded three hours
An investigation of the field of mental retardation analyzing the definition, characteristics, and causes of mental retardation. Emphasis is placed on learning and development, intelligence, specific legislation, programs and the various social agencies related to the field retardation. A laboratory experience assists the student in synthesizing the content of the course.

321. Diagnosis, Prescription and Assessment Techniques three hours
An investigation diagnosis, prescriptive and assessment techniques used in teaching the mentally retarded. The prevention of and treatment for mental retardation is given attention. Alternative techniques of instruction are employed in the accompanying laboratory experience component of the course.
322. Curricula Approaches, Materials and Methods for the Mentally Retarded three hours
An investigation of those essential curricular approaches, materials and methods utilized in reading, perception, speech and language, spelling and handwriting. The laboratory component requires active participation in a classroom setting for the mentally retarded and examination of the instructional materials used in such a classroom.
402. Mathematics in the Elementary School two hours
Emphasizes current materials and methods of instruction in elementary school mathematics and creative utilization of available materials and techniques. It utilizes the psychological bases of mathematics learning to relate mathematics content to methodology and methodology to children. PR.: Admission to the I.P.P.
403. Language Arts in the Elementary School two hours
Examines current materials and methods of instruction in the elementary school language arts area with major emphasis upon creative utilization of available materials and techniques. Attention is paid to skill development in the areas of listening, handwriting, spelling and composition. PR.: Admission to the I.P.P.
404. Social Studies in the Elementary School two hours
A study of the objectives, materials, organization, and instructional techniques in the social studies appropriate to the elementary school program. PR.: Admission to the I.P.P.
405. Corrective Reading two hours
A basic course which includes a study of the causes of reading difficulties, diagnostic procedures and prescriptive techniques with emphasis on corrective methods and materials.
420. Student Teaching Experience (Elementary) six hours
Full-time involvement in the teaching-learning act in a public elementary school setting. Students will observe, assist and teach under the supervision of a cooperating public school teacher and College personnel. This experience is evaluated on a pass, incomplete, or fail basis and does not affect the grade point average. PR.: Admission to the I.P.P. and a C average for all professional education course areas in the I.P.P.
421. Student Teaching Experience (Grades K-12) three hours
Full-time involvement in the teaching-learning act in a public elementary school setting. Students will observe, participate and teach under the supervision of a cooperating public school teacher and College personnel. This experience is evaluated on a pass, incomplete, or fail basis and does not affect the grade point average. PR.: Admission to the I.P.P. and a C average for all professional education course areas in the I.P.P.
422. Student Teaching Experience (Grades K-12) three hours
Full-time involvement in the teaching-learning act in a public secondary school setting. Students will observe, participate and teach under the supervision of a cooperating public school teacher and College personnel. This experience is evaluated on pass, incomplete, or fail basis and does not affect the grade point average. PR.: Admission to the I.P.P. and a C average for all professional education course areas in the I.P.P.

424. Educational Technology three hours
Through direct learning experiences, students identify the need for utilizing media, the characteristics and special needs of students to be served by them, and the bases for selecting the material to achieve the planned objectives of instruction. Students develop competencies in the utilization and production of the latest educational equipment and materials. PR.: Ed. 302, 303 and/or consent of the Division Chairperson.
430. Reading Instruction in the Secondary Content Area two hours
Develops understanding of the reading skills essential to the content subjects and instructional techniques for extending reading skills in those areas. PR.: Admission to the I.P.P.
432. Evaluation Techniques in the Secondary School two hours
Acquaints students with the basic principles and practices of student assessment through the use of standardized and teacher-made tests. Simple statistical treatments of both types of tests are included. PR.: Admission to the I.P.P.
433. Instruction in the Secondary School three hours
Involves the student in planning and implementing effective instructional strategies, understanding principles of classroom management and control, and personalizing an approach to instruction for use in the student teaching experience. PR.: Admission to the I.P.P.
440. Applied Practicum in Mental Retardation three hours
A field-research practicum involving the prospective teacher, through analogous and equivalent practice, in diagnosis and testing, remediation, curriculum design, instructional techniques, methodology and materials. Trends and issues are identified via action research, both in the field and laboratory.
450. Student Teaching Experience (Secondary) six hours
A full-time involvement in the teacher-learning act in a public secondary school setting. Students will observe, assist, and teach under the supervision of a cooperating public school teacher and College personnel. This experience is evaluated on a pass, incomplete, or fail basis and does not affect the grade point average. PR.: Admission to the I.P.P. and a C average for all professional education course areas in the I.P.P.
470. Student Teaching Experience in Mental Retardation three hours
A minimum four week full-time student teaching experience in an appropriate public school setting. The experience emphasizes application of essential concepts and skills in designing instructional approaches for the mentally retarded.

COMMUNITY COLLEGE, p. 256

For Community College information, see the 1975-76 Community College Catalog Supplement for Fairmont State College.

STUDENT SERVICES & ORGANIZATIONS, p. 283

Under "Housing," paragraph 2, change "Three modern" to "Two modern."

Delete the third paragraph beginning with the words "Off campus...."

STUDENT SERVICES & ORGANIZATIONS, p. 295

Delete the section on "Regional Council for International Education (RCIE)."

INDEX, p. 299

Delete "Regional Council for International Education (RCIE);295"

Change Physical Education, Courses of Instruction, from page 206 to page 127.

ADDENDUM

EMERGENCY MEDICAL SERVICES

The following Emergency Medical Services one-year certificate program will be implemented in January 1976. This program is designed to train paraprofessionals to provide emergency medical services commensurate with the needs of the geographic region and consists of three areas of specialization. Upon completion of the program, participants would qualify for examination by the West Virginia Department of Health for (1) EMT certification; (2) paramedic certification; and (3) emergency medical services certification.

A one-year certificate would be awarded upon successful completion of the program.

Emergency Medical Services Program 34 Sem. Hrs.

First Semester

English 104.....	3
EMS 100.....	4
PE 211.....	4
Psychology 101.....	3
EMS 105.....	3
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	17

Second Semester

EMS 200.....	3
PE 331.....	1
HTH 202.....	3
Sociology 110.....	3
Business Education 100.....	3
EMS 201.....	4
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	17

Courses of Instruction:

EMS 100. Introduction to Emergency
Medical Services

four hours

An introduction to basic emergency care procedures as they apply to the primary care and transportation of the injured or acutely ill. Emphasis is on accurate observation and evaluation of emergency situations and on effective communication with

those involved in the medical case network.

- EMS 105. Specialized Rescue Techniques three hours
Study of rescue systems with emphasis in extrication. Advanced training in auto extrication, rigging, knot tying, tunnel rescue, etc. Provide knowledge in rescue equipment, limitations of use and maintenance.
- EMS 200. Advanced Emergency Care three hours
A course devoted to the clinical phase of training. During this course the student will learn the application of various types of equipment.
- EMS 201. EMS Practicum four hours
In addition to clinical training, the student is instructed in the management of more specialized emergency situations, such as defibrillation, administration of intravenous fluids and drug therapy.

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